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2018 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](#).

2018 Undergraduate Course Handbook

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C

- Bachelor of Commerce
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- Bachelor of Commerce - Bachelor of Laws
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- 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 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)
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- 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
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- Bachelor of Creative Arts
- Bachelor of Creative Arts (Dean's Scholar)
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- Bachelor of Creative Arts - Bachelor of Communication and Media
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- Bachelor of Creative Arts - Bachelor of Journalism
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E

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- Bachelor of Education - The Early Years (Honours)
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- 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 Environmental Science (Honours)
- Bachelor of Environmental Science (Honours) (Dean's Scholar)
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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) (Graduate Entry)

J

- Bachelor of Journalism
- 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)
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- Bachelor of Medical Mathematics (Honours)
- Bachelor of Medicinal Chemistry (Honours)
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N

- Bachelor of Nursing
- Bachelor of Nursing (Conversion)
- Bachelor of Nursing (Honours)
- Bachelor of Nursing (Overseas Qualified Nurses)
- Bachelor of Nursing Advanced
- 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
- 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 Science (Psychology)
- Bachelor of Social Work
- Bachelor of Sustainable Communities

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2018 Undergraduate Courses

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Bachelor of Arts Options | 2018

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

Bachelor of Arts - South Western Sydney Campus

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

Course Code: SW702

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

Last reviewed: 3 August, 2018

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Bachelor of Arts (Dean's Scholar) | 2018

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

* The Bachelor of Arts offered at Bega, Batemans Bay, Southern Highlands, Shoalhaven Campuses and South Western Sydney are listed on different pages - [Bachelor of Arts \(Regional Campuses\)](#) and [Bachelor of Arts - South Western Sydney](#).

Overview

The Dean's Scholar degree aims to provide an enriched educational experience for high-achieving, motivated students. This degree is for students hoping to make a contribution to fields of study through teaching or research, or as professionals.

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. It allows students to specialise in up to 2 majors or do a combination of majors and minors in disciplines such as Politics, History, English Literature, Philosophy, Languages, Sociology, Indigenous studies, and newer areas of study such as the Environmental Humanities (see below under 'Majors' for the full list). 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. Students may be granted exemption from certain first-year subjects and be permitted to extend their subject load, enabling them to complete the degree in less than the normal time frame 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 subjects [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.

The Faculty Heads of Students oversee the program and have regular meetings with students. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

To remain in the program, Dean's Scholars 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 (702).

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several students have successfully competed for places in the Australian National Internship Program or the University Capitol Washington Internship Program. These programs are highly coveted and place students in political offices in Canberra or Washington D.C. where they gain practical experience related to the theoretical components 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 [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 BA (Dean's Scholar) students will be able to demonstrate these outcomes which are common to each BA (Dean's Scholar) major. Each major also has major learning outcomes that are unique to that major. Major Learning Outcomes are outlined under each major.

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. At least one major study available in the Bachelor of Arts, outlined below (48 credit points);
2. [LHA 102](#) - Dean's Scholars Seminar (6 credit points);
3. [LHA 302](#) Dean's Scholars Research Project (6 credit points);
4. A second major (minimum 48 credit points and maximum 60 credit points) from within the Faculty of Law, Humanities and the Arts (LHA);
OR a minor (minimum 24cp) from within LHA;
5. Elective subjects offered in LHA or other faculties, to bring the total credit points 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.

Majors

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, English Literatures, and Languages. Other disciplinary areas that might not be as familiar include Philosophy, Sociology, International Relations and Politics. 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.

Most majors offered in the Bachelor of Arts require at least 48 credit points although some require more (for example, those taking a Language as a Beginner). All majors require at least a pass in 24 credit points at 300 level from the subjects offered for the major. Students taking two majors are only permitted to cross count one subject in both majors.

Students enrolled in this degree, must take at least one of these 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](#)
- [Japanese](#)
- [Philosophy](#)
- [Photography](#)
- [Politics](#)
- [Science and Technology Studies](#)
- [Sociology](#)
- [Spanish](#)
- [Writing and English Literatures](#)

Second Major

Students enrolled in this degree, must also take a second major or alternatively a minor within LHA.

Students who wish to take a second major may choose from the list of BA majors above, or consider a major from another degree from the following list:

- [Digital and Social Media](#)
- [Global Screen Media](#)
- [Global Sustainable Development](#)
- [Journalism](#)
- [Visual Communication Design](#)

Minors

Most minors offered in the Bachelor Arts consist of 24 credit points and require at least 12 credit points at 200 level or higher.

Minor studies are recorded on a student's transcript, but are not recorded on the testamur. To have a minor study recorded, students need to submit an [Application to Declare or Change Intended Major/Minor](#).

Students enrolled in this degree, at Wollongong may choose from the following minors. Full details of each minor is available on the LHA [2018 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 Arts](#)
- [Creative Production](#)
- [Cultural Studies](#)

- Design History
- Digital and Social Media
- Education
- English Language and Linguistics
- English Literatures
- Environmental Humanities
- Ethics
- European Studies
- French
- Game Production
- Gender Studies
- Global Screen Media
- History
- Indigenous Studies
- Indonesian*
- Italian
- Japanese
- Journalism
- Media Arts
- Music
- Philosophy
- Philosophy of Psychology
- Photography
- Politics
- Science and Technology Studies
- Sociology
- Spanish
- Technical Theatre
- Visual Arts

* Available through cross institutional study only

Work Integrated Learning

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.

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](#) (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 separate entry for the [Bachelor of Arts \(Honours\)](#).

The Faculty of Law, Humanities and the Arts Honours Handbook can be accessed as a PDF document from the Faculty [Honours Students page](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

Last reviewed: 25 May, 2020

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Bachelor of Arts (Honours) | 2018

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

BA (Hons) consists of 50% coursework and 50% research work. The

coursework is divided into two subjects, each worth 12 credit points LHA401 The Writer: Critic, Analyst, Voice and a discipline related subject).

The research component of the BA (Hons) takes the form of a research thesis (24 credit points) of 15,000 words completed under the supervision of an academic employed in the Faculty of Law, Humanities and the Arts. Co-supervision may be arranged, with the approval of the Honours Coordinator.

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

Irrespective of the Honours program chosen, the program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Areas of Study

An Honours year in the Faculty of Law, Humanities and the Arts is available in the following areas:

- Creative Writing
- Community, Culture and Environment*
-

- English Literatures
- French
- History
- Indigenous Studies
- Interdisciplinary Honours
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish
- Writing and English Literatures

*Only available at Batemans Bay, Bega, Shoalhaven and Southern Highlands.

Subject Code	Subject Name	Credit Points
Full-time Student		
LHA 401	The Writer: Critic, Analyst, Voice	12
Discipline Specific Subject*		
LHA 480	Thesis	24
Part-time Student		
LHA 401	The Writer: Critic, Analyst, Voice	12
Discipline Specific Subject*		
LHA 482	24cp Thesis (Part-time component)	12
LHA 482	24cp Thesis (Part-time component)	12
*Discipline Specific Subjects		
CCE 470	Community, Culture and Environment Honours	12
ENGL470	Research in English	12
HIST470	History and Theory	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

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 of Wollongong web site for access to the [Code of Practice - Honours](#).

Grade of Honours

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

Other Information

For further information email: lha-enquiries@uow.edu.au

Last reviewed: 6 February, 2018

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Bachelor of Arts - Bachelor of Commerce Options | 2018

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: 15 March, 2017

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Bachelor of Arts - Bachelor of Communication and Media | 2018

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

This double degree program enables students to combine the prescribed core and at least one major in the Bachelor of Communication and Media with a wider range of subjects, including one or more majors from the Bachelor of Arts. This is a good combination for students who wish to enhance their employment opportunities with both a major program of study--in a second language, for example--and a broad selection of subjects from the Humanities and Social Sciences. Students have combined majors in Digital Communication with English Literatures, or Journalism with Politics.

Students in this degree combination also have more room to add both a major and a minor program of study from the Faculty, as well as additional subjects from LHA or another Faculty. Students taking advantage of this could major in Marketing Communication and Advertising but add a major in French and some general subjects in the environmental sciences. These are excellent pathways for students seeking to work in an international context.

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. Further information about major learning outcomes for the BA is available under the relevant BA major page in the [Undergraduate Course Handbook](#).

Course Structure

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

- a. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- b. One of the majors for the [Bachelor of Communication and Media](#) (48 credit points);

- c. LHA101 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;
- 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;
- f. Electives to bring the total credit points to 216. These electives must be subjects that are not already counted towards the requirements of the BCM.
- g. No more than 90 credit points in 100-level subjects;
- h. A clear pass must be achieved in the core 300 level subjects.

Timetables

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 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 in this double degree will also choose either a second BA Major, or a BA Minor.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Communication and Media](#)
- [Bachelor of Arts](#)

Students can take a minor study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Work Integrated Learning

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.

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](#) (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

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Communication and Media. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. See [Bachelor of Arts \(Honours\)](#) and [Bachelor of Communication and Media \(Honours\)](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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) | 2018

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

The Dean's Scholar double degree aims to provide an enriched educational experience for high-achieving, motivated students. This degree is for students hoping to make a contribution to fields of study through teaching or research, or as professionals.

This double degree program enables students to combine the humanities and social inquiry focus of the Bachelor of Arts with critical perspectives on media industries and practices offered by the Bachelor of Communication and Media. There are strong complementarities between the two degrees due to their inter-related perspectives and focus on global media and internationalisation.

This double degree program enables students to combine the prescribed core and at least one major in the Bachelor of Communication and Media with a wider range of subjects, including one or more majors from the Bachelor of Arts. This is a good combination for students who wish to enhance their employment opportunities with both a major program of study and a broad selection of subjects. Students have combined majors in Digital Communication with English Literatures, or Journalism with Politics. Students in this degree combination also have more room to add both a major and a minor program of study from the Faculty of Law, Humanities and the Arts or another Faculty. Students taking advantage of this could major in Marketing Communication and Advertising but add a major in French and some general subjects in the environmental sciences. These are excellent pathways for students seeking to work in an international context.

Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. Students may be granted exemption from certain first-year subjects and be permitted to extend their subject load, enabling them to complete the degree in less than the normal time frame 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 subjects [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;

The Faculty Heads of Students oversee the program and have regular meetings with students. On successful completion of the first part of the

course, Dean's Scholars will be guaranteed admission to Honours.

To remain in the program, Dean's Scholars 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 BA/BCMS (794).

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several students have successfully competed for places in the Australian National Internship Program or the University Capitol Washington Internship Program. These programs are highly coveted and place students in political offices in Canberra or Washington D.C. where they gain practical experience related to the theoretical components 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 [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 Undergraduate Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes. Further information about major learning outcomes for the BA is available under the relevant BA major page in the [Undergraduate Course Handbook](#).

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:

- a. [LHA 102](#) Dean's Scholar Seminar and [LHA 302](#) Dean's Scholar Research Project (12 credit points in total);
- b. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- c. One of the majors for the [Bachelor of Communication and Media](#) (48 credit points);
- d. At least one of the majors listed for the [Bachelor of Arts](#);
- 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. These electives must be

subjects that are not already counted towards the requirements of the BCM;

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

Timetables

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 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 choose either a second BA Major, or a BA Minor.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Arts](#)
- [Bachelor of Communication and Media](#)

Students can take a minor study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an Application to Declare or Change Intended Major/Minor.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Work Integrated Learning

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.

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

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Communication and Media. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. See [Bachelor of Arts \(Honours\)](#) and [Bachelor of Communication and Media \(Honours\)](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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:	210
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

This double degree program enables students to combine a major from the Bachelor of Arts and a major (including the core subjects) from the Bachelor of Economics and Finance. The choice of majors by students can reflect future employment or simply interest. Students have taken majors in Politics and Economics, Sociology and Human Resource Management, even Accounting and History.

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. Further information about major learning outcomes for the BA is available under the relevant BA major page in the [Undergraduate Course Handbook](#).

Course Structure

To qualify for award of this degree students must complete a minimum of 210 credit points as outlined below:

- a. 72 credit points of core subjects from the [Bachelor of Economics and Finance](#);
- b. 48 credit points of additional subjects from the Bachelor of Economics and Finance. Students must contact the Faculty of Business to discuss the appropriate selection of these subjects.
- c. At least 90 credit points of subjects offered by the Faculty of Law, Humanities and the Arts. This will include:
 - [LHA 101](#) Introduction to Arts and the Humanities. 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;
 - at least one of the majors listed in the [Bachelor of Arts](#) (minimum 48 and

- maximum 60 credit points);
 - a second major (minimum 48 and maximum 60 credit points), or a minor (24 credit points), from within the Faculty of Law, Humanities and the Arts.
- d. No more than 90 credit points in 100-level subjects.

Timetables

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 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.

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

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

Minors

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which at least 12 credit points are at 200 level or higher.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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](#) (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 in the relevant major 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

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2018 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 | 2018

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

This double degree program allows students to combine the international focus of the [Bachelor of International Studies](#) with one of the majors offered by the [Bachelor of Arts](#). Students may take majors offered in the [Bachelor of Arts](#) that either complement the international focus of the [Bachelor of International Studies](#), or expand their career opportunities through an interdisciplinary 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 [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.

Course Structure

To qualify for award of this degree students must complete a minimum of 216 credit points.

The 216 credit points shall include:

- a. The core subjects prescribed for the [Bachelor of International Studies](#);
- 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 (students may elect to take a major in a language);
- 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;
- g. No more than 90 credit points in 100-level subjects;
- h. A clear pass must be achieved in the core 300 level subjects.

Timetables

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 completing this degree will complete at least two majors. One chosen from the [Bachelor of International Studies](#), and one from the [Bachelor of Arts](#). Details of the majors available can be found on each handbook page.

As part of their Bachelor of Arts Component, students in this double degree will also choose either a second BA Major, or a BA Minor.

Minors

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.

Students may also take other Minors as part of their double degree program provided they meet the requirements set.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 BA Majors will have a specific internship subject available for students. Otherwise, students can 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 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 in a relevant major are encouraged to proceed to either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Honours may be undertaken by students who meet the requirements for enrolment. Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

For further information email: 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 Arts - Bachelor of International Studies (Dean's Scholar) | 2018

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

The Dean's Scholar double degree aims to provide an enriched educational experience for high-achieving, motivated students. This degree is for students hoping to make a contribution to fields of study through teaching or research, or as professionals.

This double degree program enables students to combine the international focus of the Bachelor of International Studies with critical perspectives on humanities and social inquiry offered by the Bachelor of Arts. There are strong complementarities between the two degrees due to their inter-related perspectives and focus on internationalisation and globalisation.

Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. Students may be granted exemption from certain first-year subjects and be permitted to extend their subject load, enabling them to complete the degree in less than the normal time frame 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 subjects [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.

The Faculty Heads of Students oversee the program and have regular meetings with students. On successful completion of the degree program, Dean's Scholars will be guaranteed admission to Honours.

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 1818.

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. Further information about major learning outcomes for the BA is available under the relevant [BA major page](#).

Course Structure

To qualify for award of this degree, students must complete a minimum of 216 credit points.

The 216 credit points shall include:

- a. [LHA 102](#) Dean's Scholar Seminar and [LHA 302](#) Dean's Scholar Research Project (12 cp in total);
- b. The core subjects prescribed for the [Bachelor of International Studies](#);
- c. One of the majors listed for the [Bachelor of International Studies](#);
- d. A minimum of a minor in a language other than English (students may elect to take a major in a language);
- e. At least one of the majors listed for the [Bachelor of Arts](#);
- f. 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
- g. Electives to bring the total credit points to 216;
- h. No more than 90 credit points in 100-level subjects;
- i. A clear pass in the core 300 level subjects.

Timetables

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

As part of their Bachelor of Arts Component, students in this double degree will also choose either a second BA Major, or a BA Minor.

Minors

Students can take Minors as part of their double degree program provided

they meet the requirements set.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#).

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 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 in the relevant major are encouraged to proceed to either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of International Studies \(Honours\)](#). Honours may be undertaken by students who meet the requirements for enrolment. Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

For further information email: 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 Arts - Bachelor of Laws Options | 2018

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: 22 November, 2017

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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
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

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Arts - Bachelor of Laws (Honours) degree offers a range of choices to those interested in humanities and social sciences and includes modern languages.

For the first year of the double degree, students enrol in law subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in Law subjects and subjects from the School of Humanities and Social Inquiry.

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 [Undergraduate Course Handbook](#) page of each individual degree for a comprehensive list of degree course learning outcomes. Further information about major learning outcomes for the Bachelor of Arts is available under the relevant major page.

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 Course Program below;
2. ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - See [Bachelor of Arts \(Graduate Entry\)](#);
3. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points);
4. 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](#);
 - b. a second major (minimum 48cp and maximum 60cp), or a minor (minimum 24cp), from within the Faculty of Law, Humanities and the Arts.

Note:

- No more than 48 credit points shall be of 100-level subjects;
- Students are not required to take LHA 101;

- Where subjects have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
Subjects from the Bachelor of Arts or Faculty of Law, Humanities		

and the Arts		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	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		
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		

Law Electives

Students must successfully complete ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

As shown on the schedule, a number of Sociology and Science and Technology elective subjects are available to be completed as electives for the Bachelor of Laws. However, the credit points may not be counted towards the Bachelor of Arts component of the double degree if they are being used as electives in the Law degree. Students considering taking these subjects as electives for the Bachelor or Laws course should speak with the Head of Students in Law, as this may impact on your credit point accrual.

Timetables

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

Majors are not available in the Bachelor of Laws degree.

As part of the Bachelor of Arts, students will complete at least one major, along with either as second BA major or a minor.

Information on the majors and minors available in the Bachelor of Arts are available on the Bachelor Arts Course [Handbook Page](#).

Compulsory Work Placement / Online Components

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. 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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

Bachelor of Arts

Students seeking to pursue an Honours degree in Arts should refer to the information on the Bachelor of Arts (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

For further information email: lha-enquiries@uow.edu.au

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2018 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) | 2018

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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BNAN101	Introduction to Bionanotechnology	6	Autumn
PHYS141	Fundamentals of Physics A	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 .			
CHEM101	Chemistry IA: Introductory Physical and General	6	Autumn

	Chemistry		
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Select ONE of the following two subjects:			
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
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
Select ONE of the following two subjects:			
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
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.			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
ENGG103	Materials in Design	6	Autumn
Spring			
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
Year 3			
Autumn			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
Select three of the following subjects:			
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
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MATE201	Structure of Materials	6	Spring
Select TWO of the following subjects:			
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
Year 4			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
BNAN401	Honours Project in Bionanotechnology (Full Time)	48	Not available in 2018
BNAN402	Honours Project in Bionanotechnology (Part Time)	24	Not available in 2018

*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 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](#).

Other Information

For further information please email: smah-students@uow.edu.au

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2018 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) | 2018

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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BNAN101	Introduction to Bionanotechnology	6	Autumn
PHYS141	Fundamentals of Physics A	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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Select ONE of the following two subjects:			
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
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
Select ONE of the following two subjects:			
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
ENGG103	Materials in Design	6	Autumn
Spring			
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
Year 3			

BNAN301	Research Project in Bionanotechnology	12	Not available in 2018
Autumn			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
Select TWO of the following subjects:			
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
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MATE201	Structure of Materials	6	Spring
Select ONE of the following subjects:			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MATE302	Polymeric Materials	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
BIOL341	Immunity and Infection	6	Spring
CHEM360	Organic Synthesis III	6	Spring
Year 4			

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

BNAN401	Honours Project in Bionanotechnology (Full Time)	48	Not available in 2018
BNAN402	Honours Project in Bionanotechnology (Part Time)	24	Not available in 2018

*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 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](#).

Other Information

For further information please email: 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](#).

Bridging Program for Enrolled Nurses | 2018

Testamur Title of Degree:	N/A
Abbreviation:	N/A
UOW Course Code:	963
CRICOS Code:	N/A
Total Credit Points:	0
Duration:	3 weeks
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	NMIH120 Summer Session (Nursing Bridging December) NMIH130 Summer Session (Nursing Bridging December)
Delivery Mode:	On-Campus

Delivery Campus	Wollongong
Additional Information:	An orientation day is scheduled one week prior to the Bridging Program commencing

Overview

This course is designed to provide Enrolled Nurses with a pathway into the Bachelor of Nursing at the University of Wollongong.

Mapping occurred against the University of Wollongong Bachelor of Nursing curriculum and the New South Wales Technical and Further Education Commission (NSW TAFE) curriculum for Enrolled Nurses. As a result of the mapping exercise a subject has been developed to cover the gaps in knowledge, skills and attitudes between an Enrolled Nurse with a Diploma of Nursing (Enrolled Division 2 Nursing) and an undergraduate student who has completed Year 1 in the Bachelor of Nursing Program at the University of Wollongong.

The aim of the course is to introduce students to the key concepts of the Bachelor of Nursing program. This will include legal, ethical and professional issues and their relationship to the role of the registered nurse. Students will also develop literacy and computer skills to support academic writing, utilise eLearning and the academic skills required to bridge to the Bachelor of Nursing program. Specifically, the course learning outcomes are that students will be able to:

- Demonstrate an understanding of concepts within nursing
- Develop literacy and computer skills in accordance with the University of Wollongong tertiary literacy competencies

The nursing competencies that underpin the course are those outlined by the Nursing and Midwifery Board of Australia [NMBA] (NMBA 2006). Students entering the Bridging Program have met the National Competency Standards for the Enrolled Nurse (Australian Nursing and Midwifery Council [ANMC] 2002). The Bridging Program will update the levels of knowledge, skills and attitudes of the Enrolled Nurse to the competencies of a student who has completed one year of the Bachelor of Nursing at the University of Wollongong.

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

For Diploma qualified Enrolled Nurses, the Bridging Program for Enrolled Nurses requires the successful completion of a subject at UOW in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
NMIH120	Concepts in Nursing	0	Nursing Bridging Dec 2018/Jan 2019

For Diploma qualified Enrolled Nurses, through UOW College the Bridging Program for Enrolled Nurses requires the successful completion of a subject at UOW in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
NMIH130	Concepts of Nursing and Health	0	Nursing Bridging Dec 2018/Jan 2019

Other Information

For further information please email: 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 Business | 2018

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
Plus at least one subject from the following:		
OPS 113	Business Oriented Information Systems	6
ACCY112	Accounting In Organisations	6
ECON102	Economics and Society	6
MGNT102	Business Communications	6
Capstone subject:		
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

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2018 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 | 2018

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 IT 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)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
COMM101	Principles of Responsible Business	6	Autumn, Spring
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT114	System Analysis	6	Autumn
COMM121	Statistics for Business	6	Autumn, Spring, Summer 2018/2019
ECON100	Economic Essentials for Business	6	Autumn, Spring
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring
CSIT115	Data Management and Security	6	Autumn, Spring
Year 2			
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2018/2019
MGNT110	Introduction to	6	Autumn, Spring,

	Management		Summer 2018/2019
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2018/2019
CSIT113	Problem Solving	6	Autumn
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
CSIT226	Human Computer Interaction	6	Spring
Plus at least one subject from the following			
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2018/2019
ECON102	Economics and Society	6	Autumn, Spring
MGNT102	Business Communications	6	Autumn, Spring, Summer 2018/2019
Year 3			
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
Plus 24 credit points of Faculty Business subjects			
Year 4			
ISIT219	Knowledge and Information Engineering	6	Autumn

CSIT314	Software Development Methodologies	6	Autumn
Plus 12 credit points of 300 level ISIT subjects			
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
Plus 12 credit points of Faculty Business subjects			
Plus 6 credit points of CSIT or ISIT subjects			
Year 5			
COMM331	Integrative Business Capstone	6	Autumn, Spring
CSIT321 Project will continue through to Autumn			
Plus 12 credit points of Faculty Business subjects			

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 advisors 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 currently being accredited by the Australian Computer Society as potentially meeting the requirements for membership at the "Professional Level".

Other Information

For further information email: business-enquiries@uow.edu.au or eis@uow.edu.au

Last reviewed: 7 February, 2018

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2018 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 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
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	South Western Sydney / 751220

Overview

The Bachelor of Business - Bachelor of Laws degree provides opportunities for students to combine their interest in law with business. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. For the first year of the double degree, students enrol in law subjects as prescribed in the table below.

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:

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 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 [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 Business - 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 Course Program below;
2. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule;
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)
 - 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.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from Business schedule		
Year 3		

LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from Business schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from Business schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from Business schedule		

Law Electives

Students must successfully complete elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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:

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.

The full range of LLB electives may not be offered at South Western Sydney Campus and students may need to travel to Wollongong campus to study particular electives.

For enquiries regarding course transfers between Wollongong and South Western Sydney Campuses, please contact the Head of Students.

Compulsory Work Placement / Online Components

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.

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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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

For further information email: Law - lha-enquiries@uow.edu.au; Business - business-enquiries@uow.edu.au

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2018 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 Business Information Systems | 2018

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)
Year 1			
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
Year 2			
CSIT214	IT Project Management	6	Autumn, Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
CSIT226	Human Computer Interaction	6	Spring
MATH223	Mathematics for Information Technology	6	Autumn
Plus 3 Business subjects as listed below		18	
Year 3			
CSIT314	Software Development Methodologies*	6	Autumn
CSIT321	Project*	12	Annual, Spring 2018/Autumn 2019
Plus 1 Business subject as listed below		6	
Plus 3 CSCI-300 or ISIT-300 level subjects		18	
Plus 1 elective from the General Schedule , School of Computing and Information Technology Subject List or Business Schedule		6	

* **Not on offer at South Western Sydney until 2019.**

Business Electives List

Subject Code	Subject Name	Credit Points	Session(s)
Accounting			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer
Management			
MGNT102	Business Communications	6	Autumn, Spring, Summer
MGNT206	Managing Human Resources	6	Autumn, Spring
MGNT201	Organisational Behaviour	6	Autumn
MGNT220	Organisational Analysis	6	Spring
OPS_200	Management and Electronic Business	6	Autumn
MGNT311	Management of Change	6	Spring
COMM121	Statistics for Business	6	Autumn, Spring, Summer
Marketing			
MARK101	Marketing Principles	6	Autumn, Spring, Summer
MARK213	Introduction to Marketing	6	Autumn, Spring
Economics			
ECON100	Economic Essentials for	6	Autumn, Spring

	Business		
ECON101	Macroeconomic Essentials for Business	6	Not on offer in 2018

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 or [Academic Course Director](#)

Last reviewed: 22 November, 2017

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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 Business Information Systems (Dean's Scholar) | 2018

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	Course Finder

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	
Year 1			
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
Year 2			
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	
Year 3			
CSIT314	Software Development Methodologies	6	Autumn

CSIT395	Dean's Scholar Research Project	6	Autumn, Spring
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
Plus 1 Business subject as listed below		6	
Plus 2 CSCI300 or ISIT300 level subjects		12	
Plus 1 elective from the General Schedule , School of Computing and Information Technology Subject List or Business subjects		6	

Business Electives List

Subject Code	Subject Name	Credit Points	Session(s)
Accounting			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer
Management			
COMM121	Statistics for Business	6	Autumn, Spring, Summer
MGNT102	Business Communications	6	Autumn, Spring, Summer
MGNT201	Organisational Behaviour	6	Autumn
MGNT206	Managing Human	6	Autumn, Spring

	Resources		
MGNT220	Organisational Analysis	6	Spring
OPS 200	Management and Electronic Business	6	Autumn
MGNT311	Management of Change	6	Spring
Marketing			
MARK101	Marketing Principles	6	Autumn, Spring, Summer
MARK213	Marketing Principles	6	Autumn, Spring
Economics			
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON101	Macroeconomic Essentials for Business	6	Not on offer in2018

Compulsory Work Placement / Online Components

This course contains a total of 140 hours over 8 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

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

Last reviewed: 22 November, 2017

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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 Business Information Systems (Honours) | 2018

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 2018/Autumn 2019
Plus 24cp of coursework taken from:			
ISIT401	Information Systems Strategic Planning	6	Autumn
ISIT403	Enterprise Architecture Design	6	Not offered in 2018
ISIT404	Systems Integration	6	Spring
ISIT405	Technology Management and Innovation	6	Not offered in 2018
ISIT406	Information Design and Content Management	6	Spring
ISIT408	IT Governance	6	Autumn
ISIT409	Advanced Business Process Management	6	Not offered in 2018
ISIT410	IT-enabled Supply Chain Management	6	Spring
ISIT416	Organisational Issues in Information Technology	6	Not offered in 2018
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
ISIT451	Web Services and Service Oriented Architecture	6	Not offered in 2018
ISIT492	Special Topics in IS and IT B	6	Not offered in 2018
or other 300- and 400-level subjects as approved by the Head of School.			

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 or [Academic Program Director](#)

Last reviewed: 8 February, 2019

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2018 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 | 2018

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
(Management / Marketing)
Southern Sydney / 753607 (Management
/ Marketing)

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
Core		
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
Plus at least one subject from the following:		
OPS 113	Business Oriented Information Systems	6
ACCY112	Accounting In Organisations	6
ECON102	Economics and Society	6
MGNT102	Business Communications	6
Plus one capstone subject		

COMM331	Integrative Business Capstone	6
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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, Bateman's Bay, Bega, Southern Highlands and Southern Sydney campuses. Majors in 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

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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) | 2018

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
ACCY111	Accounting Fundamentals In Society	6
COMM101	Principles of Responsible Business	6
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
FIN111	Introductory Principles of Finance	6
MGNT110	Introduction to Management	6
MARK101	Marketing Principles	6
Plus at least ONE subject from the following:		

OPS113	Business Oriented Information Systems	6
ACCY112	Accounting In Organisations	6
ECON102	Economics and Society	6
MGNT102	Business Communications	6
Capstone subject:		
COMM333	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

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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) | 2018

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.

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
COMM480	Honours Research Proposal	6
<p>Plus three (3) 6 credit point 400 level subjects from the Faculty of Business calendar with a minimum of 12 credit points from the Accountancy calendar as advised by the research supervisors and approved by the Discipline Leader (Accounting).</p>		

Honours in Economics

Subject Code	Subject Name	Credit Points
ECON401	Honours Research in Economics	24
ECON402	Economics Honours Coursework	18
COMM480	Honours Research Proposal	6

Honours in Finance

Subject Code	Subject Name	Credit Points
FIN 401	Honours Research in Finance	24
COMM480	Honours Research Proposal	6
<p>Plus three (3) 6 credit point 400 level subjects from the Faculty of Business calendar with a minimum of 12 credit points from the Finance calendar as advised by the research supervisors and approved by the Discipline Leader(Finance).</p>		

Honours in Management / Supply Chain Management / Human Resource Management / International Business

Subject	Subject Name	Credit
---------	--------------	--------

Code		Points
MGNT401	Honours Research in Management	24
MGNT402	Honours Coursework in Management A	12
MGNT403	Honours Coursework in Management B	6
COMM480	Honours Research Proposal	6

Honours in Marketing / Public Relations

Subject Code	Subject Name	Credit Points
MARK401	Honours Research in Marketing	24
MARK402	Honours Coursework in Marketing A	12
MARK403	Honours Coursework in Marketing B	6
COMM480	Honours Research Proposal	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

Other Information

For further information email: 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 Commerce - Bachelor of Laws | 2018

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.

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Commerce - Bachelor of Laws degree provides opportunities for students to combine their interest in law with business.

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 demonstrate:

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 [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 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 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 \(Graduate Entry\)](#);
3. subjects to the value of at least 96 credit points from the Bachelor of Commerce Course Program, including;
 - i. core subjects (including the capstone subject)
 - ii. at least one major from the Bachelor of Commerce

Note:

- Where subjects in c) have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.
- [MNGT102](#) Business Communications is no longer a core requirement for the Bachelor of Commerce – Bachelor of Laws. Students in this degree are not required to take this subject.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Commerce schedule		
Year 3		

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 Commerce schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from Bachelor of Commerce schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from Bachelor of Commerce schedule		

Law Electives

Students must successfully complete elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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:

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](#).

The full range of LLB electives may not be offered at South Western Sydney Campus and students may need to travel to Wollongong campus to study particular electives.

For enquiries regarding course transfers between Wollongong and South Western Sydney Campuses, please contact the Head of Students.

Majors and Minors

Majors and minors are not available in the Bachelor of Laws degree.

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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Compulsory Work Placement / Online Components

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.

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](#).

Other Information

For further information email: Law - lha-enquiries@uow.edu.au; Commerce - 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 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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Commerce - Bachelor of Laws (Honours) degree provides opportunities for students to combine their interest in law with business.

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 [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 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 Course Program below;
2. ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
3. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points);
4. 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)
 - b. at least one major from the Bachelor of Commerce

Note:

- Where subjects in c) have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.
- [MNGT102](#) Business Communications is no longer a core requirement for the Bachelor of Commerce – Bachelor of Laws. Students in this degree are not required to take this subject.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Commerce schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of Commerce schedule		
Year 4		
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12
LLB3399	Law, Justice and Professional Practice	3

Subjects from the Bachelor of Commerce schedule

Law Electives

Students must successfully complete ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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

Majors and minors are not available in the Bachelor of Laws degree.

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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

Compulsory Work Placement / Online Component

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.

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](#).

Other Information

For further information email: Law - lha-enquiries@uow.edu.au; Commerce - 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 Commerce and TAFE Advanced Diploma | 2018

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 /	Event Management

UAC Code:	Southern Sydney / 753641 Wollongong / 753640
	Hospitality Management Wollongong / 753630
	Travel and Tourism Management 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
At least ONE subject from the following:		
ACCY112	Accounting In Organisations	6
or		

ECON102	Economics and Society	6
Capstone subject:		
COMM331	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

For enquiries on the TAFE component, please contact:

TAFE Illawarra

Natalie Zelinsky
Head Teacher
Phone: 02 4229 0669

TAFE Loftus

Cathy Dimon
Head Teacher
Phone: 02 9710 5906

TAFE Illawarra

Email HSTH.Enquiries@tafensw.edu.au
Phone 02 6058 2703
Course Information 131 601

TAFE Loftus

Customer Service and Promotions Officer
Email Si.loftuscio@det.nsw.edu.au
Phone 02 9710 5812

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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 including:

- 54cp of core Bachelor of Commerce subjects
- 6cp of internship subjects
- 48cp Accountancy or Finance major
- 48cp of Honours 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
Core		
ACCY111	Accounting Fundamentals in Society	6
COMM101	Principles in Responsible Business	6
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
FIN 111	Introductory Principles of Finance (*Finance students only to undertake in year 1)	6
MARK101	Marketing Principles	6
ACCY112	Accounting in Organisations	6
COMM191	Introductory Global Internship	0
COMM292	Global Internship	6
COMM392	Advanced Global Internship	0
Plus one capstone subject		
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
MARK343	International Marketing	6
ECON251	Industry and Trade in East Asia	6
ACCY200	Financial Accounting IIA	6
FIN 111	Introductory Principles of Finance	6
MGNT110	Introduction to Management	6
ACCY201	Financial Accounting IIB	6
ACCY211	Management Accounting II	6
FIN 222	Corporate Finance	6
ACCY305	Financial Accounting III	6
ACCY342	Auditing and Assurance Services	6
ACCY231	Information Systems in Accounting	6
ACCY312	Management Accounting III	6
LAW 101	Law, Business and Society	6
LAW 302	Law of Business Organisations	6
LAW 315	Taxation Law	6
	Any 300 Level Law subject	6

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
Plus three (3) six credit points 400 level subject From the Faculty of Business calendar as advised by the research supervisors and approved by the Discipline Leader (Accounting)		

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 East 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 and Institutions	6
FIN 324 OR FIN 351	Financial Statement Analysis OR International Finance	6
ECON339	Applied Financial Modelling	6
FIN 323	Portfolio Analysis	6
	Elective subject	6
	Elective subject	6
FIN 322	Advanced Corporate Finance	6
	Elective subject	6
	Elective subject	6

Honours subjects in Finance

Subject Code	Subject Name	Credit Points
COMM480	Honours Research Proposal	6
FIN 401	Honours Research in Finance	24
<p>Plus three (3) six credit points 400 level subject From the Faculty of Business calendar as advised by the research supervisors and approved by the Discipline Leader (Finance)</p>		

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

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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 | 2018

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

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.

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. All the core subjects listed to a total 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.

BCM Core Subjects

Subject Code	Subject Name	Credit Points
Year 1		
BCM 110	Introduction to Communication and Media Studies	6
BCM 111	Global Media and Culture	6
BCM 113	Media Ethics and Law	6
BCM 114	Making Media	6
Year 2		
BCM 212	Understanding Research Practice	6
BCM 222	Global Media and Social Justice	6
BCM 241	Media Ethnographies	6
Year 3		
Plus ONE from the following:		
BCM 312	Emerging Issues in Media & Communication	6
BCM 313	The Future of Work	6

Timetables

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

Minors are available in the following. Please see relevant pages for information.

- [Digital and Social Media](#)
- [Game Production](#)
- [Global Screen Media](#)
- [Graphic Design](#)
- [Journalism](#)
- [Marketing Communication and Advertising](#)

The Faculty of Law, Humanities and the Arts (LHA) also offers a large number of other [minors](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Most minors offered in the Bachelor of Arts consist of 24 credit points and require at least 12 credit points at 200 level or higher.

Minors appear on the transcript (i.e. academic record) but do not appear on the testamur. To have a minor study recorded students need to submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

Dean's Scholar Degrees

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the [Bachelor of Communication and Media \(Dean's Scholar\)](#) degree, or Dean's Scholar double degrees.

Selection Criteria

To be eligible to apply for a place in the [Bachelor of Communication and Media \(Dean's Scholar\)](#) degree, or Dean's Scholar double degrees, applicants would normally meet the following criteria:

- Currently enrolled in the BCM (1706) or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 82.

For more information including the full list of Dean's Scholar Degrees and how to apply online visit the LHA Dean Scholar website.

Honours

Students can do an [Honours](#) degree in the Bachelor of Communication and Media. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Other Information

For further information email: 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 (Dean's Scholar) | 2018

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

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.

Dean's Scholar Degrees

The Dean's Scholar Degree provides an academic space for high-achieving single degree Communication and Media Studies students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

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.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Limited printing privileges;
- Opportunities to attend academic and higher degree research workshops and seminars.

The Heads of Students of the Faculty oversee the program and have regular meetings with the scholars. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

Dean's Scholars must undertake at least one major study from the Bachelor of Communication and Media Studies as well as complete the core requirements of the degree. They may also take any of the major or minor study areas as set out in this Handbook under the entry for the [Bachelor of Arts \(702\)](#).

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.

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:

- a. 12 credit points consisting of [LHA 102](#) Dean's Scholars Seminar and [LHA](#)

[302 Dean's Scholars Research Project](#);

- b. The core subjects for the Bachelor of Communication and Media (48 credit points);
- c. At least one of the majors in the Bachelor of Communication and Media (48 credit points);
- d. Electives to bring the total number of credit points completed to 144; and
- e. Not more than 60 credit points in 100-level subjects.

Notes:

- 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.

BCM (Dean's Scholar) Core Subjects

Subject Code	Subject Name	Credit Points
Core		
LHA 102	Dean's Scholars Seminar	6
LHA 302	Dean's Scholars Research Project	6
Plus all core subjects (48cp) from the Bachelor of Communication and Media		
Plus all core subjects (48cp) from chosen BCM Major		

Timetables

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

Minors are available in the following:

- [Digital and Social Media](#)
- [Global Screen Media](#)
- [Journalism](#)
- [Marketing Communication and Advertising](#)

The Faculty of Law, Humanities and the Arts (LHA) also offer a large number of other [minors](#).

Minor studies consist of a minimum of 24 credit points of which 12 credit points must be at 200 level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

Students seeking to pursue an Honours degree should refer to the information on [Bachelor of Communication and Media \(Honours\)](#) handbook page.

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 (Honours) | 2018

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
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 would have introduced you to a wide range of topics and problems, and an Honours project will enable 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.

From a potential employer's perspective, 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 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

Experience in devising, researching and writing up an individual topic of study in an extended argument or 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 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 degree, the Bachelor of Communication and Media (Honours), a candidate must successfully complete at least 48 credit points, as outlined below.

The program consists of 50% coursework and 50% research work. The coursework is divided into two subjects, each worth 12 credit points. The first subject is compulsory for all students - LHA401, The Writer: Critic, Analyst, Voice; the second coursework subject is a discipline-specific subject. The research component takes the form of a research thesis (24 credit points), devised and completed under the supervision of an academic employed in the Faculty of Law, Humanities and the Arts (LHA). Co-supervision may be arranged, with the approval of the Faculty's Honours Coordinator.

The way the honours subject is constituted (i.e. the relationship between thesis and coursework) is determined by individual Programs and/or Schools. Details of the Honours courses offered by different Programs are outlined below.

Full-time students enrol in one 24 credit point subject each session.

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.

Subject Code	Subject Name	Credit Points
Full-time Student		
LHA 401	The Writer: Critic, Analyst, Voice	12
	Discipline Specific Subject*	12
LHA 480	Thesis (full time)	24
Part-time students enrol in the 12 credit point equivalent each session		

LHA 401	The Writer: Critic, Analyst, Voice	12
Discipline Specific Subject*		12
LHA 482	24cp Thesis (Part-time component)	12
LHA 482	24cp Thesis (Part-time component)	12
*Discipline Specific Subject		
BCM 470	Bachelor of Communication and Media Honours	12

Timetables

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 (Honours)

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 following University of Wollongong web site for access to the 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

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2018 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 | 2018

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 - Bachelor of Commerce teaches you communication and business practices, the use of different technologies, and the integration of these with our professional, social and political lives. It will equip you with essential broad skills, including critical and creative thinking, effective communication and problem solving, negotiation, collaboration and time management, all of which are required for high achievement in a range of business and media careers. The degree has a strong focus on international media and business, and encourages an understanding of how producers and consumers interact in a media saturated world.

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 [Undergraduate 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:

- a. Core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (54 credit points);
- b. At least one major from the [Bachelor of Commerce](#) (48 credit points);
- c. The core subjects prescribed for the [Bachelor of Communication and Media](#) (48 credit points)
- d. At least one major from the [Bachelor of Communication and Media](#) (48 credit points);
- e. Electives to bring the total credit points to 216;
- f. 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.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Communication and Media](#)
- [Bachelor of Commerce](#)

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which at 12 credit points are at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 double degree with the required academic standard in the relevant major are encouraged to proceed to the Honours degree in either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

For further information please email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

Economics and Finance explores the theory, policies, practices and institutions of the domestic and global economy at both the micro and macro levels. Communication and Media will prepare you to succeed in advertising, public relations and corporate branding. 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 - 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 careers.

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.

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 Communication and Media - Bachelor of Economics and Finance, a candidate must successfully complete minimum of 216 credit points comprised of:

- a. 72 credit points of core subjects from the [Bachelor of Economics and Finance](#);
- b. One of the majors from the [Bachelor of Economics and Finance](#) (48 credit points);
- c. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- d. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);
- e. 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.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Communication and Media](#)
- [Bachelor of Economics and Finance](#)

Students can take [Minors](#) as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 double degree with the required academic standard in the relevant major are encouraged to proceed to the Honours degree in 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

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2018 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 | 2018

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

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. A degree in Communication and Media will prepare you for success in the worlds of journalism, advertising, public relations, corporate branding and international media.

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.

A double degree in Bachelor of Communication and Media - Bachelor of International Studies addresses relevant global, economic and political issues affecting the media and communications industries. It will teach you a diverse skill set and equip you with a theoretical background in global media, proficiency in a language and the ability to analyse real-life case studies.

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 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:

- a. The core subjects for the [Bachelor of International Studies](#) (24 credit points);
- b. 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);
- c. At least one of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
- d. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- e. At least one of the majors from the [Bachelor of Communication and Media](#) (48 credit points);
- f. Electives to bring the total number of credit points completed to 216;
- g. Not more than 90 credit points in 100-level subjects.

Note: Students must achieve a clear pass in the core 300 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 International Studies](#). Follow the links to each Course Handbook page for information on majors available in each degree.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Communication and Media](#)
- [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.

Students may also be eligible for other [minors](#) as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of International Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. See [Bachelor of International Studies \(Honours\)](#) and [Bachelor of Communication and Media \(Honours\)](#).

Other Information

For further information please email: 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 International Studies (Dean's Scholar) | 2018

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

The Dean's Scholar double degree aims to provide an enriched educational experience for high-achieving, motivated students. This degree is for students hoping to make a contribution to fields of study through teaching or research, or as professionals.

This double degree program enables students to combine the international focus of the Bachelor of International Studies with critical perspectives offered by the Bachelor of Communication and Media Studies. There are strong complementarities between the two degrees due to their inter-related perspectives and focus on internationalisation and globalisation.

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. A degree in Communication and Media will prepare you for success in the worlds of journalism, advertising, public relations, corporate branding and international media.

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.

A double degree in Bachelor of Communication and Media - Bachelor of International Studies addresses relevant global, economic and political issues affecting the media and communications industries. It will teach you a diverse skill set and equip you with a theoretical background in global media, proficiency in a language and the ability to analyse real-life case studies.

Dean's Scholar Degrees

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. Students may be granted exemption from certain first-year subjects and be permitted to extend their subject load, enabling them to complete the degree in less than the normal time frame 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 subjects [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.

The Faculty Heads of Students oversee the program and have regular meetings with students. On successful completion of the first part of the course, Dean's Scholars 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 students have successfully competed for places in the Australian National Internship Program or the University Capitol Washington Internship Program. These programs are highly coveted and place students in political offices in Canberra or Washington D.C. where they gain practical experience related to the theoretical components 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

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 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:

- [LHA 102](#) Dean's Scholars Seminar and [LHA 302](#) Dean's Scholars Research Project (12 credit points in total);
- The core subjects for the [Bachelor of International Studies](#) (24 credit points);
- A minimum of a [minor](#) in a language other than English (or students may elect to take a major in a language) (minimum 24 credit points);
- At least one of the majors in the Bachelor of International Studies (48 credit points);
- The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);

- g. Electives to bring the total credit points to 216, chosen from the general electives schedule.
- h. Not more than 90 credit points in 100-level subjects.

Note: Students must achieve a clear pass in the core 300 level subjects.

Progression Requirements

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](#) (1791).

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 International Studies](#). Follow the links to each Course Handbook page for information on majors available in each degree.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of International Studies](#)
- [Bachelor of Communication and Media](#)

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

Students can take [minors](#) as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points must be completed at 200-level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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

High performing students may be eligible to apply for an Honours degree in either the Bachelor of Communication and Media Studies, or the Bachelor of International Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. Further information can be accessed at [Bachelor of Communication and Media \(Honours\)](#) and [Bachelor of International Studies \(Honours\)](#).

Other Information

For further information please email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Communication and Media Studies - Bachelor of Laws degree will provide students interested in media law with an overview of the industry, its practices and policies.

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 [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 Communication and Media - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
- c. all core subjects in the [Bachelor of Communication and Media](#);

- d. One of the major studies in the [Bachelor of Communication and Media](#);
- e. where necessary, elective subjects (not having the prefix LAW), from the Bachelor of Laws Course Program, the Bachelor of Communication and Media Studies Course Program or the General Schedule, to ensure that a total of at least 240 credit points has been completed.

Note:

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

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the BCM schedule		
Year 3		
LLB2240	Law of Torts	6

LLB2225	Advanced Legal Skills	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		6
Subjects from the BCM schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the BCM schedule		
Year 5		
2 LLB Electives		12
1 LLB Electives		6
LLB3399	Law, Justice and Professional Practice	3
Subjects from the BCM schedule		

Law Electives

Students must successfully complete elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Majors and Minors

Majors are not available in the Bachelor of Laws degree.

As part of the Bachelor of Communication and Media degree, students will complete at least one major, and have the option of also completing a minor, as 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 (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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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

For further information please email: lha-enquiries@uow.edu.au

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2018 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)

This page is under development. Please contact [UniAdvice](#) for details.

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:	Wollongong

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Communication and Media Studies - Bachelor of Laws (Honours) degree will provide students interested in media law with an overview of the industry, its practices and policies.

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 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 Communication and Media - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

All compulsory Law subjects as set out in the Course Program below;

1. ONE elective subjects to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
2. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points);
3. All core subjects in the [Bachelor of Communication and Media](#);
4. One of the major studies in the [Bachelor of Communication and Media](#);
5. where necessary, elective subjects (not having the prefix LAW), from the Bachelor of Laws Course Program, the Bachelor of Communication and Media Studies Course Program or the General Schedule, to ensure that a total of at least 240 credit points has been completed.

Note:

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

Subject Code	Subject Name	Credit Points
Year 1		

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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the BCM schedule		
Year 3		
LLB2240	Law of Torts	6
LLB2225	Advanced Legal Skills	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
Subjects from the BCM schedule		
Year 4		
LLB3330	Law of Employment	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6

1 LLB Elective		6
Subjects from the BCM schedule		
Year 5		
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12
LLB3399	Law, Justice and Professional Practice	3
Subjects from the BCM schedule		

Law Electives

Students must successfully complete ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Majors and Minors

Majors are not available in the Bachelor of Laws degree.

As part of the Bachelor of Communication and Media degree, students will complete at least one major, and have the option of also completing a minor, as 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 (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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

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

For further information please email: lha-enquiries@uow.edu.au.

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2018 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 Science | 2018

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

Studies in the fields of communication and media will prepare you to succeed in advertising, digital communication, public relations and corporate branding. 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. Science is the search and application of information and understanding of the natural and social world using an evidence based approach.

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.

This degree will teach you the diverse skill set required for high achievement in a range of careers across both the science and communication industries. 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.

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 [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 Communication and Media - Bachelor of Science, a candidate must successfully complete at least 216 credit points, comprised of:

- a. The core subjects for the [Bachelor of Communication and Media](#) (48 credit points);
- b. At least one of the majors in the [Bachelor of Communication and Media](#) (48 credit points);
- c. At least one of the major in the [Bachelor of Science](#);
- d. 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.
- e. Not 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 Science](#). Follow the links to each Course Handbook page for information on the majors available in each degree.

Minors

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 as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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 an additional year of study that provides training in independent research. Students who complete the double degree with the required standard in the relevant major are encouraged to proceed to the Honours degree in either the [Bachelor of Communication and Media \(Honours\)](#) or the [Bachelor of Science \(Honours\)](#). Please refer to the Undergraduate Course Handbook for further information about these degrees.

Other Information

Further information is available via email: 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 Computer Science Options | 2018

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: 3 August, 2018

MENU ≡

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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) | 2018

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		
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring
CSIT226	Human Computer Interaction	6	Spring
CSCI251	Advanced Programming	6	Autumn, Spring
MATH221	Mathematics for Computer Science	6	Autumn
CSCI235	Database Systems	6	Autumn, Spring
CSCI203	Algorithms and Data Structures	6	Spring
CSIT314	Software Development Methodologies	6	Autumn, Spring
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
CSIT395	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 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, 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 or [Academic Program Director](#)

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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 (Honours) | 2018

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 2018/Autumn 2019
CSIT440	Research Methodology	6	Autumn, Spring

24 credit points of 400-level subjects from the following list.

Subject Code	Subject Name	Credit Points	Session(s)
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 Engineering	6	Spring
CSCI435	Computer Vision Algorithms and Systems	6	Spring
CSCI444	Perception and Planning	6	Spring
CSCI446	Big Data Analytics	6	Spring
CSCI471	Advanced Computer Security	6	Spring
CSCI450	Software Engineering Requirements and Specifications	6	Not offered in this year
CSCI466	Coding for Secure Communication	6	Not offered in this year

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](#).

Joint Honours with Computer Science

[CSCI405](#) Computer Science Joint Honours comprises one half of the Bachelor of Computer Science Honours program and is available to students who wish to undertake a joint honours project in Computer Science and another discipline. This is particularly suited to students who have undertaken a double major in the Bachelor of Computer Science degree. A thesis topic will be determined in consultation with both academic units.

Other Information

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

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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 - Bachelor of Laws | 2018

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

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Computer Science - Bachelor of Laws offers opportunities for students to undertake a specialised degree of study in computer science and law.

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 [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 Computer Science - Bachelor of Laws, a candidate must successfully complete at least 264 credit points, comprised of:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. electives to the value of 30 credit points from the Bachelor of Laws

Elective Law Schedule see [Bachelor of Laws \(Graduate Entry\)](#);

- c. subjects to the value of at least 120 credit points from the Computer Science Course Schedule (CSCS), including:
- i. 96 credit points of compulsory (core) subjects from the Computer Science Course Schedule;
 - ii. an additional 24 credit points of 300-level subjects, of which 12 credit points must be CSCI subjects.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Computer Science Schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6

LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from the Computer Science Schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Electives		
Subjects from the Computer Science Schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Computer Science Schedule		
Year 6		
Subjects from the Computer Science Schedule		

Timetables

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 not available in the Bachelor of Laws degree.

Majors available in the Bachelor of Computer Science degree 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 (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.

Honours

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of 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

Further information is available via email: lha-enquiries@uow.edu.au or 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 Computer Science - Bachelor of Science | 2018

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 [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 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 or [Academic Program Director](#)

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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 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)
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
CSIT180	Introductory Global Internship	0	Summer
MATH221	Mathematics for Computer Science	6	Autumn
CSIT226	Human Computer Interaction	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring

CSCI251	Advanced Programming	6	Autumn, Spring
CSCI203	Algorithms and Data Structures	6	Spring
CSIT280	Global Internship	6	Summer
CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
CSIT380	Advanced Global Internship	6	Summer
CSCI400	Computer Science Honours Project	18	Annual, Spring 2018/Autumn 2019
CSIT440	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 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.

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

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

Digital Systems Security

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI262	System Security	6	Spring

CSCI361	Cryptography and Secure Applications	6	Autumn
CSCI368	Network Security	6	Spring
CSCI376	Multicore and GPU Programming	6	Spring

Game and Mobile Development

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI236	3D Modelling and Animation	6	Spring 2018/Summer 2018
Complete 3 subjects from the list below (18cp)			
CSCI336	Interactive Computer Graphics	6	Autumn
CSCI366	Mobile Multimedia	6	Autumn
CSCI376	Multicore and GPU Programming	6	Spring
CSCI356	Game Engine Essentials	6	Spring
CSCI376	Multicore and GPU Programming	6	Spring

Software Engineering

Subjects required for major study

Subject Code	Subject Name	Credit Points	Session(s)
ISIT219	Knowledge and Information Engineering	6	Autumn
CSCI318	Software Engineering	6	Spring

	Practices & Principles		
CSCI334	Software Design	6	Autumn
ISIT315	Web Modelling	6	Spring

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 themselves 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

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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 Conservation Biology (Honours) | 2018

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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn

EESC105	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 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
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
SCIE103	Climate Change	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
Plus 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
Year 2			
Autumn			
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
MATH151	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.			
Spring			
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
EESC207	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2			
EESC203	Biogeography and Environmental Change	6	Autumn
MARE200	Introduction to Oceanography	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
BIOL232	Biology Research Internship	6	Autumn, Spring, Summer
Students wishing to specialise in Conservation Genetics should select subjects from the following list;			
BIOL213	Principles of Biochemistry	6	Autumn
BIOL215	Introductory Genetics	6	Spring
Year 3			
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL360	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.			
Year 4			
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 2018/2019
BIOL416	Conservation Biology Project (Part-Time)	24	SMAH Annual, SMAH Annual 2018/2019

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

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2018 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 Conservation Biology (Honours) (Dean's Scholar) | 2018

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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			

Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
EESC105	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.			
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
SCIE103	Climate Change	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
Please 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
Year 2			
Autumn			

BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
MATH151	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.			
Spring			
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
EESC207	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
BIOL292	Special Biology Studies	6	Autumn, Spring
EESC203	Biogeography and Environmental Change	6	Autumn
MARE200	Introduction to Oceanography	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
BIOL232	Biology Research Internship	6	Autumn, Spring, Summer
Students wishing to specialise in Conservation Genetics, should select subjects from the following list:			
BIOL213	Principles of Biochemistry	6	Autumn
BIOL215	Introductory Genetics	6	Spring

Year 3			
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.

BIOL410	Conservation Biology Project	48	SMAH Annual, SMAH Annual 2018/2019
BIOL416	Conservation Biology Project (Part-Time)	24	SMAH Annual, SMAH Annual 2018/2019

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

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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 | 2018

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

The Bachelor of Creative Arts (BCA) is a three-year full-time course that involves 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 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 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 (cp) comprised of:

1. Four subjects (24 credit points) of subjects from the BCA core, outlined in the below schedule;
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 to be eligible to graduate with a Bachelor of Creative Arts.

Subject Code	Subject Name	Credit Points
Core:		
CACS101	Contemporary Creative Practice	6
CACS102	Critical Frameworks in Creative Practice	6
Plus TWO from the following:		
CACS301	Professional Practice	6
CACS331	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
CAVA331	Contemporary Artworlds	6

CAVA332	Globalisation and Contemporary Art	6
CAVA361	Curatorial Practices	6

Majors

Students studying the BCA 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 in their BCA, or to complete the Graphic Design Minor.

Minors

As part of their elective subjects, students are encouraged to undertake a [Minor Study](#) in order to add a multi-disciplinary aspect to their Bachelor of Creative Arts Degree.

Each minor study comprises 24 credit points. Creative Arts offers minor studies in the following areas:

- Art History
- Creative Arts
- Creative Production
- Creative Writing
- Design History
- 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, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record) but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

On completion of the Bachelor of Creative Arts, high achieving students may apply to undertake an additional [Honours](#) year.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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Bachelor of Creative Arts (Dean's Scholar) | 2018

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

The Dean's Scholar degree aims to provide an enriched educational experience for high-achieving, motivated students. This degree is for students hoping to make a contribution to fields of study through teaching or research, or as professionals.

The Dean's Scholar Program is designed for high achieving students to complete the [Bachelor of Creative Arts](#) degree with a number of benefits, which include:

- A textbook/materials allowance;
- Access to postgraduate events, seminars and workshops, where appropriate;
- Limited printing privileges;
- Access to shared study and workspace;
- Specialised subject [LHA 102](#) Dean's Scholars Seminar;
- Extended library access;
- Opportunity for internships and/or self-directed study/special projects.

To qualify for the award of Dean's Scholar, students must complete the course requirements specified for the [Bachelor of Creative Arts](#). Dean's Scholars must also maintain an average of 75% in each year of study to remain in the program. 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:

- a. Four subjects (24 credit points) of subjects from the BCA (Dean's Scholar) core, outlined in the below schedule;
- b. One subject (6 credit points) from the elective list outlined in the below schedule;
- c. At least one of the five majors in this degree:
 - 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)
- d. Electives to bring the total number of credit points completed to 144.

The course requirements for the Bachelor of Creative Arts (Dean's Scholar) are the same as for the [Bachelor of Creative Arts](#), in that no more than 60cp at 100 level can be counted towards the Bachelor of Creative Arts (Dean's Scholar) degree. Students must also achieve a clear pass in the core 300-level subjects to be eligible to graduate with a Bachelor of Creative Arts (Dean's Scholar). Dean's Scholars have the additional criterion that students must maintain an average of 75% in each year of study to remain in the program.

Subject Code	Subject Name	Credit Points
Core:		
CAC101	Contemporary Creative Practice	6
CAC102	Critical Frameworks in Creative Practice	6
LHA 102	Dean's Scholars Seminar	6
CAC332	Dean's Scholars Contemporary Theory and Research Practice	6

Plus ONE from the following:		
CAC301	Professional 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	Theatre, Politics and Spectatorship	6
CAVA331	Contemporary Artworlds	6
CAVA332	Globalisation and Contemporary Art	6
CAVA361	Curatorial Practices	6

Timetables

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 studying this degree 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 in their BCA, or to complete the [Graphic Design Minor](#).

Minors

As part of their elective subjects, students are encouraged to undertake a [Minor Study](#) in order to add a multi-disciplinary aspect to their Bachelor of

Creative Arts (Dean's Scholar) Degree.

Each minor study comprises 24 credit points. Creative Arts offers minor studies in the following areas:

- Art History
- Creative Arts
- Creative Production
- Creative Writing
- Design History
- 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, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur.

To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

[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 [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.

Honours

On completion of the Bachelor of Creative Arts (Dean's Scholar), high achieving students may apply to undertake an additional [Honours](#) year.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 (Honours) | 2018

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 Honours program is an end-on degree in Creative Arts and provides an opportunity for students to develop to a sophisticated level of theoretical and practical skills gained in the area of their Major Study during their undergraduate course. In the Bachelor of Creative Arts Honours course, students are given close supervision of both a research topic and a creative presentation. In addition, a weekly research methodology seminar in Autumn Session provides training in advanced research skills specific to disciplines within the creative arts. While an Honours degree is an important first step for students who wish to enrol in a higher degree program such as a research masters or a doctorate, this is not the only role of the Honours program. Honours graduates acquire greater competence and confidence in both theory and their creative practice. These attributes are well-recognised by employers and increase the possibilities of employment in industry, with professional bodies or research organisations.

The Bachelor of Creative Arts (Honours) is normally taken as a one year full-time course. However, it can be taken on a part-time basis over two years.

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
CREA401	Minor Thesis in Creative Arts	24
CREA402	Creative Arts Presentation	24

For further information on Awards or Degree Rules, please see the [General Course Rules](#).

Timetables

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 (Honours)

The Bachelor of Creative Arts (Honours) Guide provides detailed information about the course and can be accessed from the [LHA Honours Programs page](#).

Students are advised to refer to the University of Wollongong web site for access to the [Code of Practice – Honours](#).

Grade of Honours

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.

Honours are awarded in the following categories:

- Class I (WAM 85 to 100%)
- Class II, Division 1 (WAM 75 to 84%)
- Class II, Division 2 (WAM 65 to 74%)
- Class III (WAM 50 to 64%)

- If the WAM is below 50%, an Honours grade is not awarded.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Arts | 2018

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

Overview

The Bachelor of Creative Arts – Bachelor of Arts double degree provides students with the opportunity to study theory and practice-based work in disciplines, including Creative Writing, Music, Theatre, Visual Arts or Visual Arts and Design alongside studies in Humanities and Social Inquiry, such as History, Sociology, Politics, Indigenous Studies and English Literatures.

Opportunities exist for artistic collaboration, exchange and study abroad.

A Bachelor of Creative Arts – Bachelor of Arts double degree can lead to career opportunities as an artist, graphic designer, photographer, writer, musician, performer, composer, theatre technician, director, publisher, curator, arts administrator or manager, 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

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.

Further information about major learning outcomes for the BA is available under the relevant BA major page - See [Bachelor of Arts](#).

Course Structure

To qualify for the award of this degree, students must complete a minimum of 216 credit points.

The 216 credit points shall include:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and a maximum of 96 credit points);
- c. At least one of the majors listed for the [Bachelor of Arts](#) (minimum 48 and maximum of 60 credit points);
- d. 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
- e. If required, elective subjects to bring the total number of credit points completed to 216.
- f. No more than 90 credit points at 100 level.
- g. A clear pass in the core 300 level subjects.

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 Arts](#).

As part of their [Bachelor of Arts](#) Component, students in this double degree will also choose either a second BA Major, or a BA Minor.

Note that depending on the choice of majors in each degree, the total number of credit points may vary and be more than 216.

Minors

Students can also take a minor study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available in the [2018 General Schedule of Minors](#).

Work Integrated Learning

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.

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 [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 an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting.

Some BA Majors will have a specific internship subject available for students. Otherwise, students can 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

Students can do an Honours degree in either the [Bachelor of Creative Arts](#) or the [Bachelor of Arts](#). This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. Further information can be accessed at [Bachelor of Arts \(Honours\)](#) or [Bachelor of Creative Arts \(Honours\)](#).

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 | 2018

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

This course aims to provide a program of study in commercial, business and administrative skills for students who may be contemplating careers in arts administration, publishing, musical entrepreneurship or management of performing arts centres, theatres or galleries. It also gives practising craftspeople and other artists a unique edge in managing their talents for professional purposes.

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:

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 [Undergraduate 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:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and maximum 96 credit points);
- c. 102 credit points from the [Bachelor of Commerce](#) comprised of 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major;
- d. If required, elective subjects to bring the total number of credit points

completed to 216;

e. 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](#) in the BCA are required to complete 222 credit points.

Minors

Students can take a [minor](#) study as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which 12 credit points are completed at 200-level or higher.

Minors appear on the transcript (academic record), but do not appear on the *testamur*. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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.

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 Honours degree in either the [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Commerce \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Communication and Media | 2018

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

Studying a [Bachelor of Communication and Media](#) degree will prepare you to succeed in advertising, digital communication, public relations and corporate branding. You will be able to research, plan, execute and manage marketing campaigns, while acquiring skills in issue management, product publicity, crisis communications, and media relations. A [Bachelor of Creative Arts](#) involves practice-based work and theoretical exploration of forms and genres.

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.

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 Undergraduate 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:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and maximum 96 credit points);
- c. The core subjects prescribed for the [Bachelor of Communication and Media](#) (48 credit points);
- d. One of the majors listed for the [Bachelor of Communication and Media](#) (48 credit points);
- e. If required, lective 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

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.

Minors

Minors available for each degree are outlined on the course handbook pages:

- [Bachelor of Creative Arts](#);
- [Bachelor of Communication and Media](#).

Students can take [Minors](#) as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Minors appear on the transcript (academic record) but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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 [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.

Honours

Students can do an Honours degree in either the [Bachelor of Creative Arts](#) or the [Bachelor of Communication and Media](#). This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Computer Science | 2018

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

Overview

There is a growing market for IT professionals who work in computer graphics, computer animation, computer games and new media. 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.

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:

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 [Undergraduate Course Handbook](#) page of each individual 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:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum 72 and maximum 96 credit points);
- c. A major sequence in the [Bachelor of Computer Science](#) as prescribed by the Faculty of Engineering and Information Sciences (120 credit points);
- d. If required, elective subjects to bring the total number of credit points completed to 216;
- e. 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.

Timetables

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 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.

Minors

Students can take Minors as part of their double degree program provided they meet the requirements set. [Minor](#) studies consist of a minimum of 24 credit points of which at least 12 credit points are completed at 200-level or higher.

Minors appear on the transcript (academic record) but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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.

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 in the relevant major are encouraged to proceed to the Honours degree in either the [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Computer Science \(Honours\)](#). Please refer to the Undergraduate Course Handbook for further information about these degrees.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 International Studies | 2018

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:	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 or Spring
Delivery Mode:	On campus
Delivery Campus / UAC Code:	Wollongong / 751505

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with a major study in the Bachelor of Creative Arts.

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:

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 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:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (a minimum of 72 and a maximum of 96 credit points);
- c. The core subjects prescribed for the [Bachelor of International Studies](#) (24 credit points);
- d. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
- e. 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);
- f. If required elective subjects to bring the total number of credit points completed to 216.

Students may consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of International Studies degree. 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 International Studies.

Timetables

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

Students undertaking a major study in Visual Arts and Design may be required to complete up to 236 credit points.

Minors

Students can take a [minor](#) study as part of their degree program provided they meet the requirements set. Minor studies consist of 24 credit points of which at least 12 credit points are at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the *testamur*. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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](#) (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

Students who complete the double degree to the required academic standard in the relevant major are eligible to apply for either [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of International Studies \(Honours\)](#).

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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 Bachelor of Creative Arts - Bachelor of Journalism double degree allows students to sharpen their career focus via studies in Creative Writing, Music, Theatre, Visual Arts, or Visual Arts and Design. The addition of a Journalism degree facilitates the acquisition of newsroom, editing and writing skills necessary for story production, broadcast and publication. The Journalism degree also helps students gain practical experience and build connections with the media industry through journalism 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.

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. 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 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 Journalism, a candidate must successfully complete at least 216 credit points comprised of the following:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (minimum of 72

and maximum of 96 credit points);

- c. The core subjects prescribed for the [Bachelor of Journalism](#) (96 credit points);
- d. If required and depending on the Bachelor of Creative Arts Major taken, 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.

Timetables

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 completing this degree will complete at least one major from the [Bachelor of Creative Arts](#).

Minors

Students can take [Minors](#) as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which 12 credit points must be completed at 200-level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) 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.

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.

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 may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Laws | 2018

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.

Overview

This is a distinctive degree that allows students to combine studies, such as creative writing, music, theatre, visual arts, or design with studies in law. Many lawyers find knowledge of the arts and the media extremely useful in their practice. From pursuing two seemingly different passions, to a career defending and promoting free press and artistic expression, this degree combination offers many exciting opportunities.

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:

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 [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 Creative Arts - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
- c. the core subjects prescribed for the [Bachelor of Creative Arts](#);
- d. one of the majors listed for the [Bachelor of Creative Arts](#).

Subject	Subject Name	Credit
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Code		Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Creative Arts schedule		
Year 3		
LLB2240	Law of Torts	6
LLB2225	Advanced Legal Skills	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from the Creative Arts schedule		
Year 4		

LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Creative Arts schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Creative Arts schedule		

Timetables

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

Majors are not available in the Bachelor of Laws degree.

Refer to The School of the Arts, English and Media for majors and minors available in the Bachelor of Creative Arts degree.

Students can consult with academic advisors in the relevant School concerning the selection of appropriate subjects.

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 (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.

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.

Honours

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of 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](#).

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

This double degree enables students to undertake comprehensive major studies in both Creative Arts and 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.

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 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 [Undergraduate 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:

- a. The core subjects prescribed for the [Bachelor of Creative Arts](#) (24 credit points);
- b. One of the majors listed for the [Bachelor of Creative Arts](#) (a minimum of 72 and maximum of 96 credit points);
- c. A flexible major in the [Bachelor of Science](#) as prescribed by that Faculty;
- d. If required, elective subjects to bring the total number of credit points completed to 216.

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

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

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.

Minors

Students can take [Minors](#) as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which at least 12 credit points are completed at 200-level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

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 in the relevant major are encouraged to proceed to the Honours degree in either [Bachelor of Creative Arts \(Honours\)](#) or [Bachelor of Science \(Honours\)](#). Please refer to the Undergraduate Course Handbook for further information about these degrees.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Economics and Finance | 2018

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 theory, policies, practices and institutions of both the domestic and global economy at both the micro economic and macro economic levels. As a graduate you will be able to identify and apply the 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. You will also develop expertise in the ways individuals, businesses and other organisations raise, allocate and use money.

The program involves compulsory core subjects in the first year, plus the completion of a major in Economics (or Finance) and at least one minor in Finance (or Economics). You can elect to complete two majors, or one major and two minors. If you elect to complete only the requisite major and minor you will be able to undertake at least 24 credit points of elective subjects from any Faculty in the University. An exciting applied research project capstone subject provides an experiential learning opportunity. Options may include an overseas study tour, a workplace based project, or a more traditional research based project.

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 solve problems and provide professional advice in diverse contexts.
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 the nature and implications of assumptions and value judgments in economic and financial analysis in both historical and contemporary events that impact on current business and policy decisions.

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. 72 credit points will come from core subjects plus at a minimum, an additional 72 credit points from one of the major/minor study options listed below. Additional elective subjects may be taken to make up a total of 144 credit points.

Subject Code	Subject Name	Credit Points
ACCY111	Accounting Fundamentals In Society	6
ACCY112	Accounting In Organisations	6
COMM101	Principles of Responsible Business	6
COMM121	Statistics for Business	6
ECON100	Economic Essentials for Business	6
ECON102	Economics and Society	6
FIN 111	Introductory Principles of Finance	6

ACCY200	Financial Accounting IIA	6
FIN 222	Corporate Finance	6
ECON339	Applied Financial Modelling	6
ECON331	Financial Economics	6
COMM330	Economics and Finance Applied Research Project	6
Plus ONE of the following Major/Minor study options.		
Economics Major plus a Finance Major #		
Economics Major plus a Finance Minor *		
Finance Major plus an Economics Minor *		
Finance Major plus an International Economics Minor *		

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:

- ▣ # only one subject may be double counted across two majors.
- ▣ * No subject can be double counted across a major and a minor ie. double counting is not permitted when completing a minor.
- ▣ No more than 60 credit points shall be for 100-level subjects.
- ▣ [ACCY200](#), [FIN 222](#), [ECON339](#) and [ECON331](#) may be counted towards an Economics or Finance major or minor where specified in the core or elective subjects of that major or 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.
- ▣ Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Head of School will designate a replacement subject(s).
- ▣ 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

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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 | 2018

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:	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 / 751216

Overview

The Bachelor of Economics and Finance – Bachelor of Laws degree provides opportunities for students to develop significant analytical, critical thinking and research skills in the areas of economics, finance, and law. Students will be able to demonstrate a thorough understanding of economics, finance, law theory and apply appropriate methodologies to analyse alternative solutions to contemporary issues. In addition, specialised knowledge of finance and economic issues, complemented by training in law, will equip graduates to serve in a wide range of legal roles in private, government or corporate organisation.

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:

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 [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 Economics and Finance - Bachelor of Laws, a candidate must successfully complete at least 264 credit points, comprised of:

- a. All compulsory Law subjects as set out in the Course Program below;
- b. Elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
- c. Subjects to the value of at least 120 credit points from the [Bachelor of Economics and Finance](#) Course Program, consisting of:
 - i. The core subjects from the [Bachelor of Economics and Finance](#) (72 credit points);
 - ii. One of the majors from the [Bachelor of Economics and Finance](#) (48

credit points).

Note: Where subjects in c) have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the BEcon&Fin Schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3

1 LLB Elective		
Subjects from the BEcon&Fin Schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from the BEcon&Fin Schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the BEcon&Fin program		

Timetables

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 not available in the Bachelor of Laws degree.

As part of the Bachelor of Economics and Finance degree, students will complete at least one major. For information on the major options, please visit the Bachelor of Economics and Finance 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 (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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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

Further information is available via email: lha-enquiries@uow.edu.au or business-enquiries@uow.edu.au

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2018 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 | 2018

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); 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
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6
EYIT101	Engaging with Technology in Early Childhood Education	6
EYMP101	Early Childhood Contexts	6
EYPP101	Play and Pedagogy	6
Spring		
EYCA102	Creative Arts Education in Early Childhood Settings	6
EYFE102	Childhood Sociology: Children in the Family, Community and Society	6

EYLL102	Language and Literacy in Early Childhood	6
EYPD102	Observing Children	6
Year 2		
Autumn		
EYDC201	Child Development and Care	6
EYEP201	Effective Partnerships for Early Childhood Professionals	6
EYPD201	Curriculum Content and Programming	6
Plus ONE of the following electives:		
EYED201	Inclusion of Children with Additional Needs in Early Years Education	6
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6
Spring		
EYEN202	Numeracy in Early Childhood Education	6
EYFE302	Historical and Philosophical Perspectives In Early Years Education	6
EYHS202	Children's Health, Safety and Wellbeing	6
EYPE202	Physical Environments for Learning in the Early Years	6
Year 3		
Autumn		
EYER301	Educators as Researchers	6
EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6
EYDC301	Birth to 3 Years: Physical Care and Development	6

EYFE301	Early Intervention - A Broad Approach	6
Spring		
EYAE202	Aboriginal Education for Booris	6
EYLL302	Birth to 3 Years: Developing Language Interactions	6
EYMP302	Early Childhood Education and Care Services - Management and Admin	6
Plus ONE of the following electives:		
EYEM202	Music and Movement in Early Childhood	6
EYST302	Science & Technology for the Early Years	6
Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director		6
Year 4		
Autumn		
EYPD401	Early Years Project	12
EYTE401	Contemporary Theories and Practice in Early Childhood	6
EYTS401	Transition to School	6
Plus ONE elective at 200, 300 or 400 level from Education or the General Schedule with approval from the Academic Program Director		6
Spring		
EYLL402	Children's Literature in the Early Years	6
EYMP402	Advocacy and Leadership in Early Childhood	6
Plus ONE of the following electives:		
EYEK402	Engaging Koori Kids and their Families	6
EYST302	Science & Technology for the Early Years	6

Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director	6
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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

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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 Education - The Early Years (Dean's Scholar) | 2018

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 guided and self directed enrichment activities on campus, in school and in community settings.
3	Demonstrate and apply ongoing analysis of and engagement with the philosophy, ethics and practice in Early Childhood Education and Care.
4	Developed cognitive, practical and communication skills to foster wellbeing in children and to collaborate respectfully with families, communities and educators.
5	Apply qualities of active professional who is articulate with regards to the theory-practice nexus, its role and theirs as the teacher as researcher.
6	Apply developed 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 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 (Dean's Scholar) requires the following:

- a. The successful completion of 192 credit points, comprising:
 - 28 core subjects (174cp);
 - 3 elective subjects (18cp); and
 - 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 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
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6
EYIT101	Engaging with Technology in Early Childhood Education	6
EYMP101	Early Childhood Contexts	6
EYPP101	Play and Pedagogy	6
Spring		
EYCA102	Creative Arts Education in Early Childhood Settings	6
EYFE102	Childhood Sociology: Children in the Family, Community and Society	6
EYLL102	Language and Literacy in Early Childhood	6
EYPD102	Observing Children	6

Year 2		
Autumn		
EYDC201	Child Development and Care	6
EYEP201	Effective Partnerships for Early Childhood Professionals	6
EYPD201	Curriculum Content and Programming	6
Plus ONE of the following electives:		
EYED201	Inclusion of Children with Additional Needs in Early Years Education	6
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6
Spring		
EYEN202	Numeracy in Early Childhood Education	6
EYFE302	Historical and Philosophical Perspectives In Early Years Education	6
EYHS202	Children's Health, Safety and Wellbeing	6
EYPE202	Physical Environments for Learning in the Early Years	6
Year 3		
Autumn		
EYER301	Educators as Researchers	6
EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6
EYDC301	Birth to 3 Years: Physical Care and Development	6
EYFE301	Early Intervention - A Broad Approach	6
Spring		

EYAE202	Aboriginal Education for Booris	6
EYLL302	Birth to 3 Years: Developing Language Interactions	6
EYMP302	Early Childhood Education and Care Services - Management and Admin	6
EDAR302	Advanced Research Methods	6
Year 4		
Autumn		
EYPD401	Early Years Project	12
EYTE401	Contemporary Theories and Practice in Early Childhood	6
EYTS401	Transition to School	6
Plus ONE elective at 200, 300 or 400 level from Education or the General Schedule with approval from the Academic Program Director		6
Spring		
EYLL402	Children's Literature in the Early Years	6
EYMP402	Advocacy and Leadership in Early Childhood	6
Plus ONE of the following electives:		
EYEK402	Engaging Koori Kids and their Families	6
EYST302	Science & Technology for the Early Years	6
Or any 200, 300 or 400 level subject from Education or the General Schedule with approval from the Academic Program Director		6

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.

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

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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) | 2018

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); 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
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6
EYIT101	Engaging with Technology in Early Childhood Education	6
EYMP101	Early Childhood Contexts	6
EYPP101	Play and Pedagogy	6
Spring		
EYCA102	Creative Arts Education in Early Childhood Settings	6
EYFE102	Childhood Sociology: Children in the Family, Community and Society	6
EYLL102	Language and Literacy in Early Childhood	6
EYPD102	Observing Children	6
Year 2		
Autumn		
EYDC201	Child Development and Care	6

EYEP201	Effective Partnerships for Early Childhood Professionals	6
EYPD201	Curriculum Content and Programming	6
Plus ONE of the following electives:		
EYED201	Inclusion of Children with Additional Needs in Early Years Education	6
Or any 100, 200 or 300 level subject from Education or the General Schedule with approval from the Academic Program Director		6
Spring		
EYEN202	Numeracy in Early Childhood Education	6
EYFE302	Historical and Philosophical Perspectives In Early Years Education	6
EYHS202	Children's Health, Safety and Wellbeing	6
EYPE202	Physical Environments for Learning in the Early Years	6
Year 3		
Autumn		
EYER301	Educators as Researchers	6
EYCC302	Contexts of Development: Interconnections Betw Child, Family & Community	6
EYDC301	Birth to 3 Years: Physical Care and Development	6
EYFE301	Early Intervention - A Broad Approach	6
Spring		
EYAE202	Aboriginal Education for Booris	6
EYLL302	Birth to 3 Years: Developing Language Interactions	6
EYMP302	Early Childhood Education and Care Services	6

	- Management and Admin	
EDAR302	Advanced Research Methods	6
Year 4		
Autumn		
EYTE401	Contemporary Theories and Practice in Early Childhood	6
EYTS401	Transition to School	6
EYRT401	Early Childhood Honours Thesis	24
Spring		
EYLL402	Children's Literature in the Early Years	6
EYMP402	Advocacy and Leadership in Early Childhood	6

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.

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

Last reviewed: 9 March, 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 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: ssc@uow.edu.au

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 demonstrate:

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
Core Subjects (18 cp)		
PSYS150	Foundations of Human Development and Behaviour	6
EDAE302	Aboriginal Education	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
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 General Schedule 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 please email: ssc@uow.edu.au

Last reviewed: 14 February, 2018

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2018 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) | 2018

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 Civil, Environmental, Materials, Mechanical, Mechatronics 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(s)
ENGG255	Professional Option 2	6	Annual
ENGG355	Professional Option 3	6	Annual, Spring 2018/Autumn 2018
ENGG455	Professional Option 4	6	Not offered in this year

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](#)

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. This recognition ensures that graduates from this course are admitted, on application, to the grade of Graduate Membership of Engineers Australia.

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.

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

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2018 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) | 2018

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
ENGG171	Scholars Research Project 1	6

ENGG255	Professional Option 2	6
ENGG371	Scholars Research Project 3	6
ECTE355	Scholars Project	6
ENGG355	Professional Option 3	6
ENGG271	Scholars Research Project 2	6
ENGG455	Professional Option 4	6

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
ENGG171	Scholars Research Project 1	6
ENGG171	Scholars Research Project 1	6
ENGG255	Professional Option 2	6
ENGG371	Scholars Research Project 3	6
ENGG255	Professional Option 2	6
ENGG355	Professional Option 3	6
ENGG355	Professional Option 3	6
ECTE355	Scholars Project	6
ENGG455	Professional Option 4	6
ENGG271	Scholars Research Project 2	6

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. This recognition ensures that graduates from this course are admitted, on application, to the grade of Graduate Membership of Engineers Australia.

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.

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

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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 Arts | 2018

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.

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

For further information email: eis@uow.edu.au

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2018 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 Commerce | 2018

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

Professional Recognition/Accreditation

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Other Information

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

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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 Computer Science | 2018

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.

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

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2018 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 Exercise Science | 2018

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
Year 1		
ENGG102	Fundamentals of Engineering Mechanics	6
ENGG103	Materials in Design	6
ENGG105	Engineering Design for Sustainability	6
MATH141	Foundations of Engineering Mathematics	6
ENGG100	Engineering Computing and Analysis	6
ENGG104	Electrical Systems	6
PHYS143	Physics For Engineers	6
MATH142	Essentials of Engineering Mathematics	6
Year 2		
MECH203	Mechanical Workshop Practice	0
CHEM103	Introductory Chemistry For Engineers	6
ENGG251	Mechanics of Solids	6
MATH283	Advanced Engineering Mathematics and Statistics	6

MEDI100	Human Structure and Function	6
MECH201	Engineering Analysis	6
MECH215	Mechanical Engineering Design 1	6
MECH226	Machine Dynamics	6
MECH252	Thermodynamics, Experimental Methods and Analysis	6
MEDI112	Introduction to Anatomy and Physiology II	6
Year 3		
ENGG252	Engineering Fluid Mechanics	6
MECH341	Thermodynamics of Engineering Systems	6
MEDI222	Foundations of Biomechanics	6
MECH326	Dynamics of Mechanisms	6
PSYC101	Introduction to Behavioural Science	6
BIOL103	Molecules, Cells and Organisms	6
MECH311	Mechanical Engineering Design 2	6
MECH343	Heat Transfer and Aerodynamics	6
MEDI220	Musculoskeletal Functional Anatomy	6
Year 4		
MECH321	Dynamics of Engineering Systems	6
MECH382	Manufacturing Engineering Principles	6
MEDI211	Control Mechanisms Physiology	6
MECH419	Finite Element Methods in Engineering	6
MECH365	Control of Machines and Processes	6
MECH372	Solids Handling and Process Engineering	6

PSYC116	Psychology of Physical Activity and Health	6
MEDI221	Exercise Physiology	6
MEDI223	Clinical Biomechanics	6
Year 5		
ENGG454	Professional Experience	0
EXSC330	Exercise Prescription	18
MEDI321	Advanced Exercise Physiology	8
ENGG461	Managing Engineering Projects	6
MEDI330	Sensorimotor Control of Movement	6
Complete one of the following two research options:		
ENGG452	Thesis A	12
ENGG453	Thesis B	18
Students who complete ENGG452 must complete a mechanical list A subject at 6cp		

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
Year 1		
ENGG100	Engineering Computing and Analysis	6
ENGG102	Fundamentals of Engineering Mechanics	6
ENGG103	Materials in Design	6
MATH141	Foundations of Engineering Mathematics	6

ENGG104	Electrical Systems	6
ENGG105	Engineering Design for Sustainability	6
MATH142	Essentials of Engineering Mathematics	6
PHYS143	Physics For Engineers	6
Year 2		
MECH203	Mechanical Workshop Practice	0
CSCI291	Programming for Engineers	6
ECTE233	Digital Hardware	6
ENGG251	Mechanics of Solids	6
MATH283	Advanced Engineering Mathematics and Statistics	6
MEDI100	Human Structure and Function	6
ECTE203	Signals and Systems	6
ECTE212	Electronics	6
MECH215	Mechanical Engineering Design 1	6
MEDI112	Introduction to Anatomy and Physiology II	6
Year 3		
ECTE202	Circuits and Systems	6
PSYC101	Introduction to Behavioural Science	6
MEDI211	Control Mechanisms Physiology	6
MEDI222	Foundations of Biomechanics	6
BIOL103	Molecules, Cells and Organisms	6
MECH226	Machine Dynamics	6
MECH311	Mechanical Engineering Design 2	6

MEDI220	Musculoskeletal Functional Anatomy	6
MEDI221	Exercise Physiology	6
Year 4		
ECTE333	Microcontroller Architecture and Applications	6
ECTE350	Engineering Design and Management 3	6
ECTE301	Digital Signal Processing	6
ECTE324	Power Engineering 1	6
ECTE344	Control Theory	6
MECH252	Thermodynamics, Experimental Methods and Analysis	6
PSYC116	Psychology of Physical Activity and Health	6
MEDI223	Clinical Biomechanics	6
MEDI330	Sensorimotor Control of Movement	6
Year 5		
EXSC330	Exercise Prescription	18
MEDI321	Advanced Exercise Physiology	8
MECH382	Manufacturing Engineering Principles	6
ENGG461	Managing Engineering Projects	6
ENGG252	Engineering Fluid Mechanics	6
ECTE471	Robotics and Flexible Automation	6
ENGG454	Professional Experience	0
Complete one of the following two research options:		
ENGG452	Thesis A	12
ENGG453	Thesis B	18

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 or [Academic Program Director](#)

Last reviewed: 24 August, 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 Engineering (Honours) - Bachelor of Laws | 2018

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.

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Engineering (Hons)- Bachelor of Laws degree allows students to recognise how law functions in technical contexts.

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:

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 [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 Engineering (Honours) - Bachelor of Laws, a candidate must successfully complete a minimum 336 credit points, comprised of:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule see - [Bachelor of Laws \(Graduate Entry\)](#);
- c. a major study comprising 162 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
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Engineering (Honours) Schedule		
Year 3		
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 Engineering (Honours) Schedule		

Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Bachelor of Engineering (Honours) Schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Engineering (Honours) Schedule		

Timetables

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 not available in the Bachelor of Laws degree.

Refer to the Faculty of Engineering and Information Sciences for majors available in the [Bachelor of Engineering \(Honours\)](#) degree.

Compulsory Work Placement / Online Components

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. 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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Professional Recognition / Accreditation

Bachelor of 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](#).

Bachelor of Engineering (Honours)

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 or eis@uow.edu.au

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2018 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 | 2018

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 - 5.5 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	Demonstrated 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 [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:
 - a. 54 credit points of core subjects (not CSIT110) and 36 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 their Engineering program with the relevant Discipline Advisor.

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 or [Academic Program Director](#)

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2018 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 | 2018

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: 15 March, 2017

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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) | 2018

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.
- 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 which form part of a Science major.

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
Please select ONE subject from the following list:			
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.			
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
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring

Please select ONE subject from the following list:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Summer			
Students who wish to complete the Environmental Chemistry strand in Third Year and are enrolling in CHEM105, must also enrol in CHEM106.			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
Year 2			
Autumn			
BIOL251	Principles of Ecology	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
Select ONE subject from the following list:			
For students wishing to take the Life Sciences strand in Year 3;			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
For students wishing to take the Earth Sciences, Environmental Chemistry or Land Resources strands in Year 3;			
EESC203	Biogeography and Environmental Change	6	Autumn
Spring			
CHEM214	Analytical and	6	Spring

	Environmental Chemistry		
EESC202	Shaping Earth's Surface	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
Year 3			
Please select ONE of the following four majors:			
Land Resources			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EESC322	Coastal Environments: Process and Management	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
Plus TWO subjects from the following list:			
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC331	Changing Global Environments	6	Spring

EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
GEOG337	Environmental and Heritage Management	6	Spring
Earth Sciences			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC201	Earth's Inferno	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
LAW 381	Law for Environmental Managers	6	Spring
EESC326	Resources and Environments	6	Spring
EESC250	Field Geology	6	Summer 2018/2019
Plus ONE subject from the following list:			
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Life Sciences			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
BIOL240	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
Environmental Chemistry			
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
Plus ONE subject from the following list:			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM360	Organic Synthesis III	6	Spring
Year 4			

ENVI402	Research Report	36	Annual, Autumn, Spring. First offered in 2019
ENVE383	Environmental Engineering	6	Autumn
MGNT208	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

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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) | 2018

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.
- 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.

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Autumn
Please select ONE subject from the following list:			
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.			
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
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Please select ONE subject from the following list:			
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

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring

Summer

Students who wish to complete the Environmental Chemistry major in Third Year and are enrolling in CHEM104 and CHEM105, must also enrol in CHEM106.

CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
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Year 2**Autumn**

BIOL251	Principles of Ecology	6	Autumn
PHYS233	Introduction to Environmental Physics	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring

Please select ONE subject from the following list:

For students wishing to take the Life Sciences Major in 3rd year

BIOL105	Functional Biology of Animals and Plants	6	Autumn
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For students wishing to take Earth Sciences, Environmental Chemistry or Land Resources majors in Year 3

EESC203	Biogeography and Environmental Change	6	Autumn
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Spring			
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
Year 3			
Please select ONE of the following four majors			
Land Resources			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EESC322	Coastal Environments: Process and Management	6	Spring
LAW 381	Law for Environmental Managers	6	Spring
Plus TWO subjects from the following list:			
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring

EESC331	Changing Global Environments	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
GEOG337	Environmental and Heritage Management	6	Spring
Earth Sciences			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC201	Earth's Inferno	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
LAW 381	Law for Environmental Managers	6	Spring
EESC326	Resources and Environments	6	Spring
EESC250	Field Geology	6	Summer 2018/2019
Plus ONE subject from the following list:			
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Life Sciences			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring

BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
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
Environmental Chemistry			
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
Plus ONE subject from the following list:			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM360	Organic Synthesis III	6	Spring

Year 4			
ENVI402	Research Report	36	Annual, Autumn, Spring. First offered in 2019
ENVE383	Environmental Engineering	6	Autumn
MGNT208	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

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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 | 2018

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 [Graduate Diploma of Exercise Rehabilitation](#) or 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: a. Exercise assessment, prescription and delivery b. Analysis and modification of movement c. Understanding foundational principles of physiology, anatomy, biomechanics, neurophysiology, psychology d. Statistics and research methodology.
5	Exercise critical thinking and independent problem solving.

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 [Graduate Diploma of Exercise Rehabilitation](#) or the [Master of Clinical Exercise Physiology](#) should seek academic advice regarding subject selection.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2019/2020
MED110	Human Growth Nutrition and Exercise	6	Not available in 2019
MED111	Introduction to Anatomy and Physiology I	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

PSYC116	Psychology of Physical Activity and Health	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			
MEDI211	Control Mechanisms Physiology	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
Plus one subject from the following list:			
MGNT102	Business Communications	6	Autumn, Spring, Summer 2019/2020
HAS 230	Contemporary Public Health Issues	6	Autumn
Or another subject that has been approved by the Course Coordinator			
Spring			
MEDI220	Musculoskeletal Functional	6	Spring

	Anatomy		
MEDI221	Exercise Physiology	6	Spring
MEDI258	Human Neuromechanics	6	Spring
STAT251	Fundamentals of Biostatistics	6	Spring
Year 3			
Autumn			
MEDI322	Advanced Studies in Exercise Physiology	6	Autumn
EXSC330	Exercise Prescription	18	Autumn
Spring			
MEDI330	Sensorimotor Control of Movement	6	Spring
EXSC370	Clinical Biomechanics in Exercise Science & Rehabilitation	6	Not available in 2019
Plus, 12 credit points of subjects from the following list:			
MEDI314	Regional Anatomy	6	Spring
MEDI304	Research Methods and Analysis	6	Spring
MEDI323	Cardiorespiratory Studies	6	Spring
Or other subjects that have been approved by the Course Coordinator.			
*Must be taken if applying for the Master of Clinical Exercise Physiology.			

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

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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 | 2018

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: a. Exercise assessment, prescription and delivery. b. Analysis and modification of movement c. Understanding foundational principles of physiology, anatomy, biomechanics, neurophysiology, psychology d. Analysis and interpretation of statistics and research methodology.
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)
Year 1			
Autumn			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2018/2019
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
MEDI111	Introduction to Anatomy and Physiology I	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
PSYC116	Psychology of Physical Activity and Health	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	6	Autumn

	Biomechanics		
Plus ONE subject from the following list:			
HAS 230	Contemporary Public Health Issues	6	Autumn
MGNT102	Business Communications	6	Autumn, Spring, Summer 2018/2019
Or another subject that has been approved by the Course Coordinator			
Spring			
MEDI221	Exercise Physiology	6	Spring
MEDI220	Musculoskeletal Functional Anatomy	6	Spring
MEDI258	Human Neuromechanics	6	Spring
STAT251	Fundamentals of Biostatistics	6	Spring
Year 3			
Autumn			
EXSC330	Exercise Prescription	18	Autumn
MEDI322	Advanced Studies in Exercise Physiology	6	Autumn
Spring			
MEDI323	Cardiorespiratory Studies	6	Spring
MEDI330	Sensorimotor Control of Movement	6	Spring
EXSC370	Clinical Biomechanics in Exercise Science & Rehabilitation	6	Not available in 2019
Plus 6 credit points of subjects from the following list:			

MEDI314	Regional Anatomy	6	Spring
MEDI304	Research Methods and Analysis	6	Spring
Or another subject that has been approved by the Course Coordinator			
Year 4			
Autumn			
EXSC420	Clinical Exercise Physiology	24	Autumn
Spring			
EXSC423	Clinical Practicum	18	Spring
EXSC424	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

Last reviewed: 11 October, 2018

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2018 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 | 2018

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; and
4. No more than 60 credit points at 100 level.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn Session			
EESC103	Earth's Dynamic Surface	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
Plus 6 credit points from the recommended electives , the General Schedule or a minor			
Spring Session			
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 from the recommended electives , the General Schedule or a minor			
Year 2			
Autumn Session			
EESC203	Biogeography and Environmental Change	6	Autumn
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
Plus 12 credit points from the recommended electives , the General Schedule or a minor			
Spring Session			
EESC202	Shaping Earth's Surface	6	Spring
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
GEOG231	Maps and Apps for Social Scientists	6	Spring
Year 3			
EESC331	Changing Global Environments	6	Spring
42 credit points form one of two streams (Physical Geography or Human Geography)			

Physical Geography stream

Subject Code	Subject Name	Credit Points	Session(s)
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn

EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Autumn
EESC320	Capstone:Earth and Environmental Sciences	6	Autumn, Spring
EESC322	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)
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
GEOG338	Planning Urban Futures	6	Autumn
GEOG337	Environmental and Heritage Management	6	Spring
GEOG353	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)
EESC101	Planet Earth	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Spring

GEOG251	Disaster Geographies: Risk, Policy, Management	6	Not available in 2018
GEOG241	Urban Geographies: Just and Sustainable Cities?	6	Spring
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring
GEOG339	Geographies of Change: International Fieldwork Intensive	6	Not available in 2018

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 third year, are encouraged to proceed to the Honours year. The Honours year is a fourth year of study that provides training in independent research. It is the normal pathway for entry to a Doctor of Philosophy. The Bachelor of Geography (Honours) will be available from 2020.

Other Information

For further information email: ssc@uow.edu.au

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2018 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 | 2018

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, Fiji, 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 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 their degree 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
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6
MATH131	Essentials of Numeracy and Mathematics for Educators	6

MEDI100	Human Structure and Function	6
PSYS150	Foundations of Human Development and Behaviour	6
Spring		
EDPH101	About Young People	6
HAS 121	Human Development in Social Context	6
MEDI113	Physiology of Sport, Exercise and Physical Activities	6
PSYC116	Psychology of Physical Activity and Health	6
Year 2		
Autumn		
EDPH102	Meanings of Health	6
EDPS111	Education Foundations: Introduction to Teacher Education	6
EDPM204	Foundations of Movement Skill Acquisition	6
EDPS222	Teachers as Communicators	6
Spring		
EDPM202	Analysis of Games and Sport 1	6
EDPS201	Quality Teaching and Learning in Secondary Education I	6
EDAE302	Aboriginal Education	6
EDPS302	Creating Positive Learning Environments	6
Year 3		
Autumn		
EDPM205	Promoting Lifelong Physical Activity	6
EDLE301	Learners With Exceptional Needs	6
EDPS301	Quality Teaching and Learning in Secondary	6

	Education II	
EDIC401	Effective use of ICT for Teaching & Learning	6
Spring		
EDPM201	Performing and Teaching Rhythmic Movement Activities	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDPH312	Promoting Wellbeing 1	6
Plus ONE elective subject selected from the Health and Physical Education Electives list below or from the General Schedule with approval from the Academic Program Director		6
Year 4		
Autumn		
EDUP235	Biomechanics For Educators	6
EDPH300	Promoting Wellbeing 2: Sexual Health, Relationships and Sexualities	6
EDPM301	Analysis of Games and Sport 2	6
EDPS401	Quality Teaching and Learning in Secondary Education III	6
Spring		
EDPH401	Application of Health Education in School and Community Settings	6
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12
Plus ONE elective subject selected from the Health and Physical Education Electives list below or from the General Schedule with approval from the Academic Program Director		6

Health and Physical Education Electives

Subject Code	Subject Name	Credit Points
EDUP363	Stress Management	6
EDUP491	Theory and Application of Special Ed in P&HE	6
EDPE401	Sports Studies 1	6
EDPE402	Community Placement	6
EDPE403	Intervention Skills for Teachers	6
EDPE405	Sports Studies 2	6
EDPE406	Advanced Exploration of Games and Sports	6
EDPH301	Socio-cultural Perspectives on Physical Activity and Physical Edu	6
EDPE202	Health Promotion	6
EDPE203	Principles and Practices of Coaching	6

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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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2018 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 Health and Physical Education (Dean's Scholar) | 2018

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, Fiji, 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 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 their degree 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
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6

MATH131	Essentials of Numeracy and Mathematics for Educators	6
MEDI100	Human Structure and Function	6
PSYS150	Foundations of Human Development and Behaviour	6
Spring		
EDPH101	About Young People	6
HAS 121	Human Development in Social Context	6
MEDI113	Physiology of Sport, Exercise and Physical Activities	6
PSYC116	Psychology of Physical Activity and Health	6
Year 2		
Autumn		
EDPH102	Meanings of Health	6
EDPS111	Education Foundations: Introduction to Teacher Education	6
EDPM204	Foundations of Movement Skill Acquisition	6
EDPS222	Teachers as Communicators	6
Spring		
EDPM202	Analysis of Games and Sport 1	6
EDPS201	Quality Teaching and Learning in Secondary Education I	6
EDAE302	Aboriginal Education	6
EDPS302	Creating Positive Learning Environments	6
Year 3		
Autumn		
EDPM205	Promoting Lifelong Physical Activity	6

EDLE301	Learners With Exceptional Needs	6
EDPS301	Quality Teaching and Learning in Secondary Education II	6
EDIC401	Effective use of ICT for Teaching & Learning	6
Spring		
EDPM201	Performing and Teaching Rhythmic Movement Activities	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDPH312	Promoting Wellbeing 1	6
EDER202	Dean's Scholars Project	6
Year 4		
Autumn		
EDUP235	Biomechanics For Educators	6
EDPH300	Promoting Wellbeing 2: Sexual Health, Relationships and Sexualities	6
EDPM301	Analysis of Games and Sport 2	6
EDPS401	Quality Teaching and Learning in Secondary Education III	6
Spring		
EDPH401	Application of Health Education in School and Community Settings	6
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12
Plus ONE elective subject selected from the Health and Physical Education Electives list below or from the General Schedule with approval from the Academic Program Director		6

Health and Physical Education Electives

Subject Code	Subject Name	Credit Points
EDUP363	Stress Management	6
EDUP491	Theory and Application of Special Ed in P&HE	6
EDPE401	Sports Studies 1	6
EDPE402	Community Placement	6
EDPE403	Intervention Skills for Teachers	6
EDPE405	Sports Studies 2	6
EDPE406	Advanced Exploration of Games and Sports	6
EDPH301	Socio-cultural Perspectives on Physical Activity and Physical Edu	6
EDPE202	Health Promotion	6
EDPE203	Principles and Practices of Coaching	6

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.

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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

Further information is available at:

[Faculty website](#)

Email: ssc@uow.edu.au

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2018 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 Health and Physical Education (Honours) | 2018

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 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.
- Students must have passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- The Honours grade will be calculated using Method 3. For further information refer to the [General Course Rules](#).

Subject Code	Subject Name	Credit Points
Year 1		
Autumn		
HAS 111	Essential Academic Skills	6
MATH131	Essentials of Numeracy and Mathematics for Educators	6
MEDI100	Human Structure and Function	6

PSYS150	Foundations of Human Development and Behaviour	6
Spring		
EDPH101	About Young People	6
HAS 121	Human Development in Social Context	6
MEDI113	Physiology of Sport, Exercise and Physical Activities	6
PSYC116	Psychology of Physical Activity and Health	6
Year 2		
Autumn		
EDPH102	Meanings of Health	6
EDPS111	Education Foundations: Introduction to Teacher Education	6
EDPM204	Foundations of Movement Skill Acquisition	6
EDPS222	Teachers as Communicators	6
Spring		
EDPM202	Analysis of Games and Sport 1	6
EDPS201	Quality Teaching and Learning in Secondary Education I	6
EDAE302	Aboriginal Education	6
EDPS302	Creating Positive Learning Environments	6
Year 3		
Autumn		
EDPM205	Promoting Lifelong Physical Activity	6
EDLE301	Learners With Exceptional Needs	6
EDPS301	Quality Teaching and Learning in Secondary Education II	6

EDIC401	Effective use of ICT for Teaching & Learning	6
Spring		
EDPM201	Performing and Teaching Rhythmic Movement Activities	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDPH312	Promoting Wellbeing 1	6
EDPR401	Honours Thesis (Spring/Autumn)	18
Year 4		
Autumn		
EDPR401	Honours Thesis (continued)	18
EDPH300	Promoting Wellbeing 2: Sexual Health, Relationships and Sexualities	6
EDPM301	Analysis of Games and Sport 2	6
EDPS401	Quality Teaching and Learning in Secondary Education III	6
Optional subject (can be completed in any Autumn session of the degree):		
EDUP235	Biomechanics for Educators	6
Spring		
EDPH401	Application of Health Education in School and Community Settings	6
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12

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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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Last reviewed: 9 March, 2018

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2018 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 Science (Indigenous Health) | 2018

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)
Year 1			
MEDI142	Introduction to Aboriginal & Torres Strait Islander Health	6	Autumn
MEDI143	Working effectively in Aboriginal & Torres Strait Islander Health	6	Spring
Year 2			
MEDI240	Current Services in Indigenous Health	6	Autumn
MEDI241	Aboriginal & Torres Strait Islander Health Research	6	Not available in 2018
MEDI242	Functional Structures in Indigenous Communities	6	Spring
MEDI243	Comparative Indigenous Health Issues	6	Autumn
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring
Year 3			

MEDI341	Research in Indigenous Health	6	Autumn
MEDI342	Indigenous Community Development: Environmental Health Issues	6	Autumn
MEDI343	Indigenous Community Development: Social and Emotional Wellbeing	6	Spring
MEDI344	Indigenous Community Development: Health Promotion	6	Not available in 2018
MEDI345	Aboriginal & Torres Strait Islander Advocacy in Health	6	Not available in 2018
Plus 12 credit points of subjects from the following list:			
INDS150	Introduction to Indigenous Australia	6	Autumn
INDS207	Critical Themes in Indigenous Studies	6	Autumn
INDS302	Indigenous Thinkers: Global Perspectives	6	Spring
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.			

Indigenous Health Studies Minor

Students who are studying a Bachelor of Health Science (Indigenous Health) cannot complete a minor study in [Indigenous Health](#).

Other Information

For further information please email: smah-students@uow.edu.au

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2018 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 | 2018

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: 15 March, 2017

MENU 

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2018 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) | 2018

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)
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 Methodologies	6	Autumn
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
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.

Compulsory Work Placement / Online Components

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. This course contains a total of 140 hours over 8 weeks of compulsory work-based placements.

This course may also contain compulsory components to be completed online.

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 2018 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
OPS 200	Management and Electronic Business	6	Autumn
ISIT208	Strategic Systems Management	6	Spring
ISIT332	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)
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	Web Modelling	6	Spring
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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 2018 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

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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 Information Technology (Honours) | 2018

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)
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Code		Points	
CSIT440	Research Methodology	6	Autumn, Spring
ISIT450	Information Systems & Technology Research Report	18	Annual, Spring 2018/Autumn 2019

Plus 24cp of coursework taken from:

Subject Code	Subject Name	Credit Points	Session(s)
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 2018
ISIT406	Information Design and Content Management	6	Spring
ISIT408	IT Governance	6	Autumn
ISIT409	Advanced Business Process Management	6	Not available in 2018
ISIT410	IT-enabled Supply Chain Management	6	Spring
ISIT416	Organisational Issues in Information Technology	6	Not available in 2018
ISIT417	Business Intelligence and Knowledge Management	6	Autumn
ISIT429	Concepts and Issues in Healthcare Computing	6	Spring
ISIT430	Introduction to Health	6	Autumn

	Informatics		
ISIT437	Information Technology Security and Risk Management	6	Autumn
ISIT446	Project and Change Management	6	Spring
ISIT451	Web Services and Service Oriented Architecture	6	Not available in 2018
ISIT492	Special Topics in IS and IT B	6	Not available in 2018
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 or [Academic Program Director](#)

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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 Information Technology - Bachelor of Laws | 2018

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

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. This double degree program allows students to combine the necessary knowledge and skills to be successful in the dynamic and changing world of Information Technology (IT) with the Bachelor of Laws.

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 [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 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 Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of

Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);

- 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 compulsory (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.

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

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from Bachelor of Information Technology Schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6

LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from Bachelor of Information Technology Schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from Bachelor of Information Technology Schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from Bachelor of Information Technology Schedule		
Year 6		
Subjects from Bachelor of Information Technology Schedule		

Timetables

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 not available in the Bachelor of Laws 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 will require a longer duration and more

credit points. Refer to the Course Handbook Page for majors available in the [Bachelor of Information Technology](#) degree.

Students can consult with academic advisors in the relevant schools concerning the selection of appropriate subjects.

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.

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.

Honours

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of 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](#).

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

Further information is available via email: lha-enquiries@uow.edu.au or eis@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 Information Technology International | 2018

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

MATH223	Mathematics for Information Technology	6	Autumn
ISIT224	Management Information Systems	6	Spring
CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019

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)
ISIT212	Corporate Network Planning and Design	6	Autumn
ISIT302	Corporate Network Management	6	Autumn
CSCI322	Systems Administration	6	Spring
ISIT328	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)
ISIT307	Backend Web Programming	6	Autumn
ISIT207	Frontend Web Programming	6	Spring
ISIT315	Web Modelling	6	Spring
ISIT312	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 or [Academic Program Director](#)

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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 | 2018

Testamur Title of Degree:	Bachelor of International Studies
Abbreviation:	BIntSt
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

The Bachelor of International Studies is an interdisciplinary degree. As its title suggests, it challenges students to think beyond the confines of traditional disciplines and seek different approaches to its central theme, International Studies. The Bachelor of International Studies is a degree that reflects the growing scholarship on the interconnected political, social, economic and cultural issues, processes and forces of the modern world.

By combining a core set of subjects, a major sequence and a language minor, the degree equips students with the theoretical background and communication skills that can assist them in future careers in international organisations, non-government organisations, the private sector, and in government bureaucracy.

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 in both speech and writing in English and at an intermediate level in a language other than their own.
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 this degree a student must complete a total of at least 144 credit points from subjects listed in the Course Structure of the Bachelor of International Studies and other subjects as approved by the Faculty.

The 144 credit points shall include:

- a. The core subjects (24 credit points) prescribed for the Bachelor of International Studies, as outlined in the table below;
- b. A minimum of a minor in a language other than English (minimum of 24 credit points);
- c. At least one of the three Majors listed in this degree (48 credit points): Global Screen Media, Global Sustainable Development or International Relations. These will normally be available in the second and third years of study;
- d. Electives to bring the total number of credit points completed to 144. To complete the credit points required for the degree, students can choose from the following options:
 1. taking additional elective subjects;
 2. turn their language minor into a major;
 3. take an additional major from the Bachelor of International Studies; or
 4. take an additional minor or major offered in the Bachelor of Arts or those offered by other faculties. Students may not cross count more than one subject in any minor or major;
- e. Not more than 60 credit points in 100-level subjects.

Note: During the Bachelor of International Studies, students are strongly encouraged to undertake a semester of overseas study, however it is not a degree requirement.

Subject Code	Subject Name	Credit Points
Core		
LHA 101	*Introduction to Arts and the Humanities	6
INTS100	Introduction to International Studies	6
INTS206	Methods in International Studies and Politics	6
INTS301	Senior Seminar in International Studies	6

*[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.

Timetables

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 degree Majors below:

[Global Screen Media](#): 48 credit points

[Global Sustainable Development](#) : 48 credit points

[International Relations](#): 48 credit points

As part of their electives, students may wish to take a second major from those listed above, or a major from the Bachelor of Arts.

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;
- Indonesian*;
- Italian;
- Japanese;
- Spanish.

*Available by cross institutional study only.

Students may take other Minors as part of their program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

Dean's Scholar Degrees

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the [Bachelor of International Studies \(Dean's Scholar\)](#) Degree or Dean's Scholar Double Degrees.

Selection Criteria

To be eligible to apply for a place in the [Bachelor of International Studies \(Dean's Scholar\)](#) Degree or Dean's Scholar Double Degrees, applicants would normally meet the following criteria:

- Currently enrolled in the BIntSt 1817 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 82.

For more information including the full list of Dean's Scholar Degrees and how to apply online visit the [LHA Dean's Scholar website](#).

Honours

See separate entry for the [Bachelor of International Studies \(Honours\)](#).

The Honours Handbook can be accessed as a PDF document from the [School of Humanities and Social Inquiry](#) home page.

Other Information

Further information is available via email: 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 International Studies (Dean's Scholar) | 2018

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

The Bachelor of International Studies (Dean's Scholar) provides an academic space for high-achieving International Studies students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

The Bachelor of International Studies (Dean's Scholar) is a degree that reflects the growing scholarship on the interconnected political, social, economic and cultural issues, processes and forces of the modern world.

The degree challenges high achieving students to think beyond the confines of traditional disciplines and seek different approaches to global problems.

By combining a core set of subjects, a major sequence and a language minor, the degree equips students with the theoretical background and communication skills that can assist them in future careers in international organisations, non-government organisations, the private sector, and in government bureaucracy.

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 subjects [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.

The Heads of Students of the Faculty oversee the program and have regular meetings with the students. On successful completion of this degree, students will be guaranteed admission to Honours.

Dean's Scholars must complete the course requirements of the degree. They may also take any of the major or minor study areas, as set out in this Handbook under the entry for the [Bachelor of Arts \(Course Code 702\)](#).

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.

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 in both speech and writing in English and at an intermediate level in a language other than their own.
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:

- a. [LHA 102](#) Dean's Scholars Seminar (6 credit points) and [LHA 302](#) Dean's Scholars Research Project (6 credit points);
- b. The core subjects prescribed for the [Bachelor of International Studies](#) degree (18 credit points);
- c. At least one of the three Majors listed in this degree: [Global Screen Media](#), [Global Sustainable Development](#) or [International Relations](#). These will

- normally be available in the second and third years of study;
- d. At least one minor in a language other than English (minimum of 24 credit points);
 - e. Additional credit points to the total value of 144. To complete the total credit points required for the degree, students can choose from the following options:
 1. Taking additional elective subjects;
 2. Turn their language minor into a major;
 3. Take an additional major from the BIntSt; or
 4. Take an additional minor or major offered in the Bachelor of Arts or those offered by other faculties provided they meet the requirements set by those faculties. Students may not cross count more than one subject from a nominated minor into any other minor or major;
 - f. Not more than 60 credit points in 100-level subjects; and
 - g. 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

Students must complete at least one of the degree Majors below:

- Global Screen Media (48 credit points);
- Global Sustainable Development (48 credit points);
- International Relations (48 credit points).

As part of their electives, students may wish to take a second major from those listed above, or a major from the [Bachelor of Arts](#).

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;
- Indonesian*;
- Italian;
- Japanese;
- Spanish.

* Available by cross institutional study only

Students may take other Minors as part of their program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See separate entry for the [Bachelor of International Studies \(Honours\)](#).

Other Information

Further information is available via email: 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 International Studies (Honours) | 2018

Testamur Title of Degree:	Bachelor of International Studies (Honours)
Abbreviation:	BIntSt(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

BlntSt (Hons) consists of 50% coursework and 50% research work. The coursework is divided into two subjects, each worth 12 credit points. The first subject is compulsory for all students - [LHA 401](#), The Writer: Critic, Analyst, Voice; the second coursework subject is a disciplinary-specific subject, [PAIS470](#) Research in Politics and International Studies.

The research component of BlntSt (Hons) takes the form of a research thesis (24 credit points), devised and completed under the supervision of an academic employed in the Faculty of Law, Humanities and the Arts. Co-supervision may be arranged, with the approval of the Faculty's Honours Coordinator.

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

The Bachelor of International Studies (Honours) program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Areas of Study

An Honours research thesis in the Bachelor of International Studies, may be focussed on a variety of topics. For more information on undertaking Honours in International Studies, students should contact the Discipline Leader, Politics and International Studies (PAIS), who will be able to guide on possible topics and recommend a potential supervisor.

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
LHA 482	Thesis (Part-time)	12
LHA 482	Thesis (Part-time)	12

Timetables

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 (Honours)

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 web site for

access to the [Code of Practice - Honours](#).

Grade of Honours

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

Other Information

Further information is available via email: 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 International Studies - Bachelor of Commerce | 2018

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Commerce
Abbreviation:	BIntSt-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

This double degree program allows students to combine the international focus of the [Bachelor of International Studies](#) with a major from the [Bachelor of Commerce](#). The choice of a major in the [Bachelor of Commerce](#) can reflect future employment plans, or complement the international focus of the [Bachelor of International Studies](#). These are strong complementary degrees that should allow graduates to stand out from the crowd with their combination of technical, language and analytical skills ready for the global business and social 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

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:

- Demonstrate core and disciplinary knowledge of business, organisations and global issues;
- Communicate effectively in English orally and in writing;
- Critically analyse national and international issues and contexts.

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 this degree students must complete a minimum of 216 credit points comprised of:

- a. The core subjects prescribed for the [Bachelor of International Studies](#) (24 credit points);
- b. A major from the [Bachelor of International Studies](#) (48 credit points);
- c. A minimum of a minor in a language other than English (minimum 24 credit points) (students may elect to take a major in a language);
- d. Core subjects (including the capstone subject) from the [Bachelor of Commerce](#) (minimum 54 credit points);
- e. At least one major from the [Bachelor of Commerce](#);
- f. Electives to bring the total credit points to 216;
- g. No more than 90 credit points of 100 level subjects.

Timetables

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 completing this degree will complete at least two majors. One chosen from the [Bachelor of International Studies](#), and one from the [Bachelor of Commerce](#). Details of the majors available can be found on each handbook page.

Minors

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.

Students may also take other [Minors](#) as part of their double degree program provided they meet the requirements set.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 double degree with the required academic standard in the relevant major are encouraged to proceed to the Honours degree in either the [Bachelor of International Studies \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

Further information is available via email: 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 International Studies - Bachelor of Economics and Finance | 2018

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

This double degree program allows students to combine the international focus of the [Bachelor of International Studies](#) with a major from the [Bachelor of Economics and Finance](#). The choice of a major in the [Bachelor of Economics and Finance](#) can reflect future employment plans, or complements the international focus of the [Bachelor of International Studies](#).

These are strong complementary degrees that should allow graduates to stand out from the crowd with their combination of technical, language and analytical skills ready for the global business and social 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

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:

- Communicate effectively in English, both orally and in writing;
- Apply analytical and problem solving skills to formulate rigorous solutions to financial and global contexts;
- Critically review economic, local and global interconnections.

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 this degree students must complete at least 216 credit points comprised of:

- a. The core subjects from the [Bachelor of Economics and Finance](#) (72 credit points);
- b. One of the majors from the [Bachelor of Economics and Finance](#) (48 credit points);
- c. The core subjects for the [Bachelor of International Studies](#) (24 credit points);

- d. One of the majors listed for the [Bachelor of International Studies](#) (48 credit points);
- e. A minimum of a minor in a language other than English (minimum 24 credit points) (students may elect to take a major in a language);
- f. Electives to bring the total credit points to 216;
- g. No more than 90 credit points in 100-level subjects.

Majors

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](#).

Details of the majors available can be found on each handbook page.

Minors

Students completing this double degree will complete at least one minor in a language other than English, as part of the [Bachelor of International Studies](#) Component.

Students may take other [Minors](#) as part of their program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 further 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 Honours degree in the [Bachelor of International Studies \(Honours\)](#). Please refer to the Honours handbook page for further information about this degree.

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

Testamur Title of Degree:	Bachelor of International Studies - Bachelor of Laws
Abbreviation:	BIntSt-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

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

Overview

Combining the Bachelor of International Studies with the Bachelor of Laws allows students to recognise how law functions in different social, historical, political and economic texts. The program is for students interested in the analysis, appreciation and study of the diversity of the global community, and how this diversity might affect our systems of law.

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:

1. Demonstrate sound disciplinary knowledge;
2. Communicate effectively to a range of audiences;
3. Apply problem solving skills to complex issues.

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 International Studies - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of the following:

1. all compulsory Law subjects;
2. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
3. all core subjects for the [Bachelor of International Studies](#);
4. a language minor in the [Bachelor of International Studies](#);
5. one of the majors listed for the [Bachelor of International Studies](#);
6. if required, electives to bring the total number of credit points completed to 240;
7. not more than 90 credit points at 100 level.

Note: Students in this degree are not required to take [LHA 101](#).

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of International Studies schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
Year 4		

LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		
Year 5		
2 LLB Electives		12
1 LLB Elective		6
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of International Studies schedule		

Law Electives

Students must successfully complete elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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

Majors are not available in the Bachelor of Laws degree.

As part of the [Bachelor of International Studies](#), students will complete at least one Major, and have the option of completing a minor. Available majors and minors are listed on the [Bachelor of International Studies 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 (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.

Honours

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities and the Arts, 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.

Bachelor of 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](#).

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](#).

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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:	Wollongong

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

Overview

Combining the Bachelor of International Studies with the Bachelor of Laws allows students to recognise how law functions in different social, historical, political and economic texts. The program is for students interested in the analysis, appreciation and study of the diversity of the global community, and how this diversity might affect our systems of law.

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 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 International Studies - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of the following:

1. All compulsory Law subjects;
2. ONE elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see Bachelor of Laws (Graduate Entry);
3. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points);
4. All core subjects for the [Bachelor of International Studies](#);
5. A language minor in the Bachelor of International Studies;
6. One of the majors listed for the Bachelor of International Studies;
7. If required, electives to bring the total number of credit points completed to 240;
8. Not more than 90 credit points at 100 level.

Note: Students in this degree are not required to take LHA 101.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of International Studies schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
Subjects from the Bachelor of International Studies schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		6
Subjects from the Bachelor of International Studies schedule		

Year 5		
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of International Studies schedule		

Law Electives

Students must successfully complete elective subjects to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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

Majors are not available in the Bachelor of Laws degree.

As part of the [Bachelor of International Studies](#), students will complete at least one Major, and have the option of completing a minor. Available majors and minors are listed on the Bachelor of International Studies [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 (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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

Bachelor of 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.

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](#).

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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, television, radio, 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 (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. Students 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.

Students will be part of the UOWTV Multimedia student newsroom, radio program, YouTube channel and weekly web magazine 'The Current'. Students will have real deadlines and will need to engage with community and 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	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.
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Course Structure

To qualify for award of this degree, 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.

Note: No more than 48 credit points at 100 level can be counted towards the Bachelor of Journalism degree. No more than 24 credit points of elective subjects may be taken at 100 level, and there must be at least 6 credit points at 300 level. Students must achieve a clear pass in the core 300-level subjects to be eligible to graduate with a Bachelor of Journalism.

Subject Code	Subject Name	Credit Points
BCM 110	Introduction to Communication and Media Studies	6
BCM 113	Media Ethics and Law	6
JRN101	Media Reporting and Storytelling 1	6
JRN102	Convergent Media Reporting and Production	6
JRN202	Media Editing and Production Practice	6
JRN203	Audio Journalism Production 1	6
JRN204	Video Journalism Production 1	6
JRN212	Magazine and Lifestyle Journalism	6
JRN250	Professional Writing 1	6
JRN301	Data Journalism Research and Investigation	6
JRN302	Narrative Portfolio	6
JRN303	Journalism Newsroom	6

JRNL304	Journalism Internship	6
JRNL313	Podcasting and Audio Journalism Production 2	6
JRNL314	Video Journalism Production 2	6
JRNL315	Journalism Project	6

Timetables

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 enrolled in the Bachelor of Journalism may utilise their 48 credit points of general electives to complete a major or two minors.

Information on the majors available within LHA can be found on the [Bachelor of Arts](#) handbook page.

Note that students completing this degree cannot complete a major in Journalism.

Minors

Students can also take a [minor](#) study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Note that students enrolled in the Bachelor of Journalism cannot complete a 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

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 | 2018

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

Overview

The [Bachelor of Journalism](#) degree provides graduates with job-ready skills that will enable them to work across a range of careers in journalism, public relations, marketing and government. These include working in print, online and broadcast. The [Bachelor of Arts](#) provides graduates with skills in a range of disciplines including, but not limited to, English, History, Politics and languages. The [Bachelor of Arts](#) complements the production-based skills obtained in the [Bachelor of Journalism](#).

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 Undergraduate Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes. Further information about major learning outcomes for the BA is available under the relevant BA major page.

Course Structure

To qualify for award of this degree, students must complete a minimum of 216 credit points comprised of the following:

- a. 96 credit points of core subjects for the [Bachelor of Journalism](#);
- b. At least one of the majors in the [Bachelor of Arts](#) degree (minimum 48 and maximum 60 credit points);
- c. 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
- d. If required, elective subjects to bring the total number of credit points completed to 216;
- e. No more than 90 credit points at 100 level;
- f. A clear pass in the core 300 level subjects.

Timetables

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 completing this degree will complete at least one major from the [Bachelor of Arts](#), as well as either a second BA Major, or a BA Minor. Follow the links to each Course Handbook page for information on majors available.

Students studying in this degree cannot take a Journalism Major.

Minors

Students can take Minors as part of their double degree program provided they meet the requirements set. [Minor](#) studies consist of a minimum of 24 credit points of which at least 12 credit points must be at 200 level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Students studying this degree cannot take a Journalism 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, [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.

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.

Some B Arts Majors will have a specific internship subject available for students. Otherwise, students can 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.

This course may also contain compulsory components to be completed online.

Honours

Students can do an Honours degree in the Bachelor of Arts. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. Further information can be accessed at [Bachelor of Arts \(Honours\)](#).

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

This integrated double degree encompasses the strengths of a major from the Faculty of Business with a degree in Journalism. High level interpersonal, analytical, and project management skills, coupled with the skills gained in a Journalism degree enhances and broadens opportunities and adds another dimension to your employment portfolio.

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:

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 Undergraduate 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:

- a. 96 credit points of core subjects for the [Bachelor of Journalism](#);
- b. 102 credit points from the [Bachelor of Commerce](#) comprising core subjects (including the capstone subject), plus at least one major;
- c. Electives to bring the total credit points to 216;
- d. 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 Journalism - Bachelor of Commerce.

Students may consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

Timetables

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 completing this degree will complete one major chosen from the [Bachelor of Commerce](#).

Minors

Students can also take a minor study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Students studying in this degree cannot complete a 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.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

The Bachelor of Journalism - Bachelor of Communication and Media enables students interested in storytelling, writing, editing, and convergent media etc. to gain the skills needed for careers in media related fields, such as journalism, social media, policy writing, copywriting, editing and media management.

The Bachelor of Communication and Media offers students a strong foundation in the global communication and media industries with 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.

Skills gained within the Bachelor of Journalism, including newsroom experience and the production of stories and reports, complement theoretical and practical perspectives concerning communication, institutions and technologies explored in the Bachelor of 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. 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 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:

- a. 96 credit points of core subjects for the [Bachelor of Journalism](#);
- b. The core subjects prescribed for the [Bachelor of Communication and Media](#) (48 credit points);
- c. One of the majors (excluding Journalism) for the [Bachelor of Communication and Media](#) (48 credit points);

- d. Elective subjects to bring the total number of credit points completed to 216;
- e. No more than 90 credit points in 100-level subjects.

Notes:

- Students must achieve a clear pass in the core 300 level subjects.
- Students in the Bachelor of Journalism - Bachelor of Communication and Media may not take the Journalism major in the Bachelor of Communications and Media degree.

Timetables

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 completing this degree will complete a major from the [Bachelor of Communication and Media](#) degree; except for the Journalism major which cannot be combined with the Journalism degree.

Minors

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page. Students can take [Minors](#) as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points of which at least 12 credit points are at 200 level or higher.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/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, [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

Students can do an Honours degree in the [Bachelor of Communication and Media](#). This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: 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 Journalism - Bachelor of Engineering (Honours) | 2018

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 designed for people who intend to work as a professional engineer or administrator within an engineering environment. The engineering component provides students with the professional skills required of industry practitioners, while the journalism component provides presentation and communication skills. Students will be able to present often complex material to clients in a range of formats, including: print, online or broadcast. Alternatively, students may decide to pursue a career in journalism, working either for a specialist engineering or science-based publication, or a general news outlet.

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:

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. Apply ethical principles to disciplinary work.

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 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:
 - i. [Bachelor of Engineering \(Honours\) - Core Subjects](#)
 - ii. 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 \(Honours\) \(Mining Engineering\)](#)
3. If necessary, (depending on your Engineering specialisation), elective subjects to bring the total number of credit points completed to 264;
 4. A minimum of 12 weeks of approved professional engineering experience during the course*;
 5. 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 Journalism - Bachelor of Engineering (Honours).

Students may consult with academic advisors in the relevant School concerning the selection of appropriate subjects.

* 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.

Journalism Core Subjects for the Bachelor of Journalism-Bachelor of Engineering (Honours).

Subject Code	Subject Name	Credit Points
BCM 110	Introduction to Communication and Media Studies	6
BCM 113	Media Ethics and Law	6
JRNL101	Media Reporting and Storytelling 1	6
JRNL102	Convergent Media Reporting and Production	6
JRNL202	Media Editing and Production Practice	6
JRNL203	Audio Journalism Production 1	6
JRNL204	Video Journalism Production 1	6

JRNL212	Magazine and Lifestyle Journalism	6
JRNL301	Data Journalism Research and Investigation	6
JRNL302	Narrative Portfolio	6
JRNL303	Journalism Newsroom	6
JRNL304	Journalism Internship	6
JRNL313	Podcasting and Audio Journalism Production 2	6
JRNL314	Video Journalism Production 2	6
JRNL315	Journalism Project	6

Timetables

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 (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.

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: lha-enquiries@uow.edu.au or eis@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 International Studies | 2018

This information is for students commencing their course in 2018. Students follow the rules and requirements for the year they commenced their course. Please refer to the Archives link in the menu for years prior to 2018.

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 Information:	Course Finder

Overview

The [Bachelor of Journalism](#) and [Bachelor of International Studies](#) are complementary degrees combining the technical and practical skills in journalism with language skills and a solid grounding in international systems and issues.

The [Bachelor of Journalism](#) degree provides graduates with the newsroom, editing and writing skills necessary for story production, broadcast and publication. The Journalism degree also helps students gain practical experience and build connections with the media industry through journalism internships.

The [Bachelor of International Studies](#) component of the degree will provide students with the necessary skills and opportunities to analyse, appreciate and study the diversity of the global community. It also equips students with a theoretical background, a language and a specialised area of study that can help them in future careers in international organisations in the public sector or as part of the growing non-government organisation sector.

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:

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 [Undergraduate 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:

- a. 96 credit points of core subjects for the [Bachelor of Journalism](#);
- b. 24 credit points of core subjects for the [Bachelor of International Studies](#);
- c. A minimum of a [minor](#) in a language other than English (students may elect to take a major in a language);
- d. One of the majors listed for the [Bachelor of International Studies](#);
- e. If required, elective subjects to bring the total number of credit points completed to 216;
- f. No more than 90 credit points at 100 level.

Note: Students must achieve a clear pass in the core 300 level subjects.

Timetables

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 completing this degree will complete a major Minors available in the [Bachelor of International Studies](#).

Minors

Students enrolled in this degree are required to take at least one minor in a language other than English, and may be eligible to complete another minor provided they meet the requirements.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minor studies consist of a minimum of 24 credit points of which no more than 12 credit points at 100 level can be counted.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Students studying this degree cannot take a Journalism minor.

Compulsory Work Placement / Online Components

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.

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

Students can do an Honours degree in either the [Bachelor of Journalism](#) or the [Bachelor of International Studies](#). This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements.

Credit Arrangements

Credit and articulation arrangements are available from the [Course Finder](#). Refer to [UOW's credit arrangements](#) for information on how to apply for credit.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available at:

[UOW Course Finder](#)

Email: 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 Laws | 2018

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

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

Overview

A Bachelor of Journalism and Bachelor of Laws double degree provides students with an expanded skill set - one that will set them apart from students who opt for a single degree option in either discipline. This double degree provides students with a wider range of career options through the acquisition of skills and knowledge in media law and ethics, as well as strong production skills in print, online and broadcast journalism. The Journalism degree also helps students gain practical experience and build connections with the media industry through journalism 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.

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

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.

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

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Law \(Graduate Entry\)](#);
- c. 96 credit points of core subjects for the [Bachelor of Journalism](#).

Subject Code	Subject Name	Credit Points
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Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Plus subjects from the Journalism schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		
Plus subjects from the Journalism schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6

LLB3302	Law of Business Organisations	6
LLB3301	Evidence	6
2 LLB Electives		
Plus subjects from the Journalism schedule		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Plus subjects from the Journalism schedule		

Law 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 \(Graduate Entry\)](#).

Timetables

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 (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. 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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 Science | 2018

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

Media organisations are frequently looking for journalists who can offer specialist skills on top of a passion for, and commitment to, journalism. The Bachelor of Journalism - Bachelor of Science is a degree combination that reflects the importance society places on scientific research. Often scientists struggle to present their findings in a way that members of the community can understand. This is where there are considerable openings for journalists who have a scientific background.

Students are able to work in a scientific environment, for a specialist publication or even a generalist media organisation. They will gain the skills to write about scientific discoveries that make them accessible and interesting to lay readers or viewers.

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:

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 Undergraduate 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:

- a. 96 credit points of core subjects for the [Bachelor of Journalism](#);
- b. A major in the [Bachelor of Science](#);
- c. Elective subjects to bring the total number of credit points completed to

216.

Students may be required to complete more than 216 credit points, depending on the [Bachelor of Science](#) major they choose to study.

Students must consult academic advisors in all relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of Science degree.

Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Science.

Timetables

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 completing this degree will complete a major chosen from the [Bachelor of Science](#).

Minors

Students can also take a minor study as part of their degree program provided they meet the requirements set. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Students enrolled in this degree cannot complete a Journalism minor.

Compulsory Work Placement / Online Components

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.

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 [Undergraduate Course Handbook](#) for further information about this degree.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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](#).

Diploma in Languages | 2018

Testamur Title of Degree:	Diploma in Languages
Abbreviation:	DipLang
UOW Course Code:	1002
CRICOS Code:	N/A
Total Credit Points:	48
Duration:	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 Diploma in Languages allows students from any Faculty in the University to study a language to prepare them to work in a multicultural and globalised economy. Students can choose to study one of the following languages: Chinese (Mandarin), French, Italian, Japanese or Spanish. In-country study or study abroad can be included in the award. The Diploma is generally studied concurrently with a Bachelor degree. For example, a student enrolled in Engineering would study three Engineering subjects and one language subject each semester. At the completion of their studies at the University of Wollongong they will graduate with two awards, their Bachelor degree and the Diploma in Languages. The Diploma in Languages is not available to international applicants.

Languages can be studied from beginners' to advanced level. Students with HSC qualifications (or equivalent) in a language will normally commence their studies at 200 level in the language they wish to study. Students with native speaker competency will normally commence their studies at 300 level, while native speaker students of Chinese (Mandarin) will normally enrol in the Chinese (Mandarin) for Character Background Students. Students who are unsure of the level of competency should consult the appropriate Subject Co-ordinator of the language they wish to study.

The Diploma can be taken as a stand-alone award by members of the community.

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 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

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](#)

Students will predominantly study language acquisition subjects and may include study abroad as part of an exchange or study abroad program. Other subjects may be included with the permission of the Language and Linguistics Discipline leader.

Subjects can be counted only in one degree. That is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not attend a graduation ceremony specifically for the Diploma. However, when students study for the Diploma concurrently with a Bachelor Degree, they will have the Diploma listed in their Bachelor degree transcript upon graduating.

Chinese (Mandarin) for Character Background Students

Mandarin is spoken by more than 1.5 billion people in the world and is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as the potentially biggest global market in the twenty-first century.

Chinese (Mandarin) for Character Background Students is for students who have an education background in Chinese language. It provides a course of study which allows students to specialise in Chinese language and culture.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects and 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 commences university Mandarin at upper level (with permission of the program) 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
Core:		
MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1	6
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 2	6
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character Background Students (CBS)	6
MAND371	Advanced Chinese 1 for Character Background Students (CBS)	6
MAND372	Advanced Chinese 2 for Character Background Students (CBS)	6
Electives:		

ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
HIST293	China since 1949	6
<p>Other Subjects (including study abroad and exchange): Students entering at 200 level must take ONE other subject. Other Subjects (including study abroad and exchange): Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Mandarin Program or Languages and Linguistics Discipline Leader.</p>		

Chinese (Mandarin) for Non-Chinese Background Students

Mandarin is spoken by more than 1.5 billion people in the world and is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as the potentially biggest global market in the twenty-first century.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects and at least two subjects from the list of electives. Other subjects (including study abroad and exchange) may be included with the permission of the Mandarin Program or Languages and Linguistics Discipline leader.

A student who studied Mandarin to HSC level and was commencing university Mandarin at upper level (with permission of the program) 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
Core		
MAND151	Chinese (Mandarin) for Beginners 1	6
MAND152	Chinese (Mandarin) for Beginners 2	6
MAND231	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND232	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
MAND331	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND332	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6
Electives:		
ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
HIST293	China since 1949	6
<p>Other Subjects (including study abroad and exchange): Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Mandarin Program or Languages and Linguistics Discipline Leader.</p>		

French

Students will study the French language and also study French society and culture, including Francophone cultures outside France.

In our language and culture subjects we use a range of authentic resources and teaching methods to equip students with a high level of proficiency in written and spoken French. Student learning outcomes are aligned with the Common European Framework of Reference for Languages.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects plus one subject from the list of electives.

A student who studied French to HSC level and was commencing university French at 200 level (with permission of the program) must complete all 200 and 300 level core subjects, both elective subjects plus one other subject with the permission of the French Program or Languages and Linguistics Discipline leader.

Subject Code	Subject Name	Credit Points
Core:		
FREN151	French for Beginners 1	6
FREN152	French for Beginners 2	6
FREN241	Intermediate French 1	6
FREN242	Intermediate French 2	6
FREN230	The Making of France and the French Nation	6
FREN341	Advanced French 1	6
FREN342	Advanced French 2	6
Electives:		
FREN330	France in the Twenty-first century	6
LANG335	Literature and Society in Renaissance Europe	6

Other Subjects (including study abroad and exchange):

Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the French Program or Languages and Linguistics Discipline Leader.

Italian

Electing Italian provides a course of study which allows any student, regardless of their background in the discipline, to specialise in Italian.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects and 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 and was commencing university Italian at 200 level (with permission of the program) must complete all 200 and 300 level core subjects, both elective subjects plus one other subject (including study abroad and exchange) with the permission of the Languages and Linguistics Discipline leader.

Subject Code	Subject Name	Credit Points
Core:		
ITAL151	Italian for Beginners 1	6
ITAL152	Italian for Beginners 2	6
ITAL241	Intermediate Italian 1	6

ITAL242	Intermediate Italian 2	6
ITAL230	Italy: Past and Present	6
ITAL341	Advanced Italian 1	6
ITAL342	Advanced Italian 2	6
Electives:		
ITAL330	Advanced Studies in Italian	6
LANG335	Literature and Society in Renaissance Europe	6
<p>Other Subjects (including study abroad and exchange): Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Languages and Linguistics Discipline Leader.</p>		

Japanese

The study of Japanese focuses on developing the linguistic skills necessary to understand Japanese ways of life, and how the past affects the present. It also aims to facilitate intercultural understanding and competence for the increasingly globalised world and workplace.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core 100 and 200 level subjects plus one of either [JAPA341](#) and [JAPA343](#) and one of either [JAPA342](#) and [JAPA344](#) as well as [JAPA320](#).

A student who studied Japanese to HSC level and was commencing university Japanese at 200 level (with permission of the program) must complete all 200 level and 300 level subjects from the subjects listed.

Subject Code	Subject Name	Credit Points
Core:		
JAPA141	Beginner Japanese 1	6
JAPA142	Beginner Japanese 2	6
JAPA220	The Making of a Globalised Japan	6
JAPA241	Intermediate Japanese 1	6
JAPA242	Intermediate Japanese 2	6
JAPA320	Advanced Readings in Japanese	6
One of the following:		
JAPA341	Advanced Japanese 1	6
JAPA343	Advanced Japanese 3	6
One of the following:		
JAPA342	Advanced Japanese 2	6
JAPA344	Advanced Japanese 4	6
Other Subjects (including study abroad and exchange): Students entering at 200 level must take all 200 level and 300 level subjects.		

Spanish

Spanish is spoken by more than 400 million people worldwide in 22 countries. The main goal of the study of Spanish is to develop students' communications skills in the Spanish language and their understanding of the cultures of Spain and Spanish-speaking Latin America.

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.

Program of Study

Students must complete at least 48 credit points as outlined below.

Students commencing at beginner level must complete all core subjects and one elective subject.

A student who studied Spanish to HSC level and was commencing university Spanish at 200 level (with permission of the program) must complete all 200 and 300 level core subjects, both elective subjects plus one other subject with the permission of the Spanish Program or Languages and Linguistics Discipline leader.

Subject Code	Subject Name	Credit Points
Core:		
SPAN151	Spanish for Beginners 1	6
SPAN152	Spanish for Beginners 2	6
SPAN241	Intermediate Spanish 1	6
SPAN242	Intermediate Spanish 2	6
SPAN230	The Hispanic World	6
SPAN341	Advanced Spanish 1	6
SPAN342	Advanced Spanish 2	6
Electives:		
SPAN330	Advanced Studies in Spanish	6
LANG335	Literature and Society in Renaissance Europe	6
Other Subjects (including study abroad and exchange):		

Students entering at 200 level must take ONE other subject. This should be chosen through discussion with the Spanish Program or Languages and Linguistics Discipline Leader.

Timetables

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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) | 2018

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

Overview

This degree program consists entirely of Law subjects with a broad range of elective options. It aims to provide a legal education which equips students with a critical and questioning attitude, offers a broad perspective and provides the foundation for a career in an extensive range of legal and related work.

Students interested in studying the Bachelor of Laws (Direct Entry) part-time should consult with the Law Head of Students by contacting lha-enquiries@uow.edu.au.

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 legal 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 192 credit points comprised of:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 66 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Subject Code	Subject Name	Credit Points
Year 1		
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 & Professional Responsibility	6
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2240	Law of Torts	6
LLB2225	Advanced Legal Skills	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
LLB2290	Jurisprudence	6
1 LLB Elective		
Year 3		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6

LLB3302	Law of Business Organisations	6
LLB3397	Legal Internship	3
5 LLB Electives		
Year 4		
LLB3399	Law, Justice and Professional Practice	3
5 LLB Electives		

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 \(Graduate Entry\)](#).

Timetables

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 (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.

Honours

High achieving students who commence the Bachelor of Laws (course code

1881) in 2018 or after, are eligible to apply for the Bachelor of Laws (Direct Entry) (Honours) (Course Code 1883). Students should refer to the Handbook entry for Bachelor of Laws(Honours)(Direct Entry) or contact the School of Law via lha-enquiries@uow.edu.au for more information.

A student who successfully transfers into the LLB (Hons) program but does not meet the minimum performance standards required for the award of Honours 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 LLB 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 LLB (Hons) must complete the subject [LLB4448](#) Research Honours in Law (36cp). Entry must be approved by the School of Law in consultation with the LLB 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.

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

Students who intend to practice 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 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 before being qualified to take briefs on their own account. Further information is available from the [New South Wales Bar Association](#).

For further information email: lha-enquiries@uow.edu.au

Last reviewed: 10 July, 2018

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2018 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) | 2018

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

Overview

The Bachelor of Laws (Graduate Entry) provides professional legal skills, an understanding of the relationship between law and society, general analytical problem-solving skills, and specialised study into the Australian legal system. This degree is available only to graduates of other disciplines and consists entirely of Law subjects with a range of elective options.

Students interested in studying the Bachelor of Laws (Graduate Entry) part-time should consult with the Law Head of Students by contacting lha-enquiries@uow.edu.au.

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 legal 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:

- a) all compulsory Law subjects as set out in the Course Program below;
- b) elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule.

Subject Code	Subject Name	Credit Points
Year 1		
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 & Professional Responsibility	6
Year 2		
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
1 LLB Elective		
Year 3		

LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
4 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3

Law Elective Schedule

Subject Code	Subject Name	Credit Points
LLB3303	Family Law	6
LLB3313	Legal Research Project A	6
LLB3315	Government Law	6
LLB3316	Work Health and Safety Law	6
LLB3317	E-Commerce Law	6
LLB3319	International Business Law	6
LLB3320	Commercial and Consumer Contracts	6
LLB3321	Banking Law	6
LLB3322	Objects and Subjects: Law, Things and Everyday Life	6
LLB3323	Consumer Protection and Product Liability Law	6
LLB3324	Public Interest Law	6
LLB3325	Children and the Law	6
LLB3326	Gender, Sexuality and the Law	6
LLB3327	Securities Regulation	6
LLB3328	Law and Humanities	6

LLB3329	Legal Practice in Rural and Regional Communities	6
LLB3330	Law of Employment	6
LLB3331	Intellectual Property Law	6
LLB3332	Labour Regulation	6
LLB3334	Environmental Law	6
LLB3335	Anti-Discrimination Law	6
LLB3337	Comparative Law	6
LLB3338	International Trade Law	6
LLB3339	Contemporary Issues in Criminal Justice	6
LLB3341	Taxation Law	6
LLB3343	International Law	6
LLB3344	Indigenous Peoples and Legal Systems	6
LLB3346	Interpreting Legal Texts	6
LLB3347	Summary Justice and Public Order	6
LLB3348	Media Law	6
LLB3349	Feminism and Law	6
LLB3350	Special Study in Law A	6
LLB3351	Special Study in Law B	6
LLB3352	Jessup International Law Moot	6
LLB3353	Contemporary Issues in Southeast Asian Law	6
LLB3354	Human Rights Law	6
LLB3355	Bankruptcy and Corporate Insolvency Law and Practice	6
LLB3356	Insurance Law	6

LLB3358	Marine Resources Law	6
LLB3359	International Corporate Governance	6
LLB3360	Foreign Investment Law in China	6
LLB3361	Law and Popular Culture	6
LLB3362	Advanced Taxation Law	6
LLB3363	Advanced Family Law	6
LLB3365	International and Comparative Intellectual Property Law	6
LLB3366	Animal Law	6
LLB3367	Elder Law	6
LLB3375	Special Studies in Law C	6
LLB3376	Special Studies in Law D	6
LLB3377	Special Studies in Law E	6
LLB3383	Disability and Law	6
LLB3384	Politics of Justice	6
LLB3385	Refugee Law	6
LLB3398	Asian Legal Systems Field Study	6
LLB3928	Law of Land and Nature Conservation	6
LLB3929	Water Resources Law	6
LLB3930	Land Development and Planning Law	6
LLB3931	Marine Resources Law	6
LLB3932	International Maritime Environmental Law	6
LLB3933	Law of the Sea	6
LLB3934	International Environmental Law	6
LLB3938	International Criminal Law	6

LLB3939	Asian Business Law	6
SOC 247	Punishment: Purpose, Practice, Policy	6
STS 300	The Environmental Context: Imagining a Zero Carbon Future	8
STS 302	Climate Change Policy, Possible Futures	6
STS 309	Future Tense: Politics and Regulations of Technoscience	8

Timetables

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 (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.

Honours

The [Bachelor of Laws \(Honours\)](#) (Course Code 1884) is available to high achieving students who commence the [Bachelor of Laws](#) (Course Code 1882) in 2018 or after. Students should refer to the Handbook entry for Bachelor of Laws (Honours) (Course Code 1884) or contact the School of Law via lha-enquiries@uow.edu.au for more information.

A student who successfully transfers into the LLB (Hons) program but does

not meet the minimum performance standards required for the award of Honours 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 LLB 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 LLB (Hons) must complete the subject [LLB4448](#) Research Honours in Law (48cp). Entry must be approved by the School of Law in consultation with the LLB 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.

Academic requirements, English requirements and credit transfer information for the Bachelor of Laws (Honours) (Course Code 1884) are available from the Course Finder.

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 Laws (Honours) (Graduate Entry) | 2018

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

Overview

This course is available to students enrolled in the Bachelor of Laws (course code 1882) from 2018. 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.

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 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:

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 legal 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:

Students who enrol in the Bachelor of Laws (Honours) must complete the following:

- a. all compulsory Law subjects in the recommended sequence set out in the Course Program below;
- b. An elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule (See [Bachelor of Laws \(Graduate Entry\)](#));
- c. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points).

Subject Code	Subject Name	Credit Points
Year 1		
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 & Professional Responsibility	6
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2240	Law of Torts	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6

LLB2290	Jurisprudence	6
LLB2225	Advanced Legal Skills	6
LLB3397	Legal Internship	3
1 LLB Elective		
Year 3		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
LLB3399	Law, Justice and Professional Practice	3
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12

Electives

Students must successfully complete one elective subject to the value of 6 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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 (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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

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

Students who intend to practice 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 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 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

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2018 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 Laws (Honours) (Direct Entry) | 2018

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

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.

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 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:

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 legal 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:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 42 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
- c. [LLB4400](#) Legal Research Methodology (12 credit points) and [LLB4401](#) Legal Research Thesis (12 credit points).

Subject Code	Subject Name	Credit Points
Year 1		
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 & Professional Responsibility	6
Year 2		
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
Year 3		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
5 LLB Electives		
Year 4		
LLB4400	Legal Research Methodology	12
LLB4401	Legal Research Thesis	12
LLB3399	Law, Justice and Professional Practice	3
2 LLB Electives		

Electives

Students must successfully complete elective subjects to the value of 42 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#).

Timetables

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 (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.

Honours

Refer to the University's General Course Rules, for information on the methods of calculating Honours.

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

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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) | 2018

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

Overview

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 students to apply the knowledge and skills gained in the LLB degree in the context of a major legal research 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

Students graduating from the Bachelor of Laws (Honours) (Graduate Entry) will be able to:

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
LLB4400	Legal Research Methodology	12
LLB4448	Research Honours in Law	36

Timetables

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](#).

Other Information

Further information is available via email: 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 Marine Science | 2018

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) 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 which form part of a Science major.
- This is a prescribed program of study comprising core and optional subjects as set out below.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus ONE of the following two subjects:			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Plus ONE of the following two subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry:	6	Spring

	Reactions and Structures		
Year 2			
Autumn			
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
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.			
Spring			
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
STAT252	Statistics For the Natural Sciences	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
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

EESC250	Field Geology	6	Summer 2020/2021
Year 3			
Autumn			
BIOL361	Conservation Biology	6	Autumn
GEOS215	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Spring			
BIOL365	Marine and Terrestrial Ecology	6	Spring
EESC322	Coastal Environments: Process and Management	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
Plus 18 credit points of subjects from the following list:			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL362	Ecophysiology	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Not available in 2020
EESC331	Changing Global Environments	6	Spring
EESC326	Resources and Environments	6	Spring
Or other subjects as approved by the Coordinator.			

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

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2018 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) | 2018

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) 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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	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 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
Plus ONE of the following two subjects:			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
Spring			

BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
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
Year 2			
Autumn			
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
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.			
Spring			
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
STAT252	Statistics For the Natural Sciences	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
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
EESC250	Field Geology	6	Summer 2020/2021
Year 3			
Autumn			
BIOL361	Conservation Biology	6	Autumn
GEOS215	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Spring			
BIOL365	Marine and Terrestrial Ecology	6	Spring
EESC322	Coastal Environments: Process and Management	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
Plus 18 credit points of subjects from the following list:			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL362	Ecophysiology	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Not available in 2020
SCIP310	Advanced Earth, Atmospheric and Life Sciences Project	6	Autumn, Spring, Summer

			2020/2021
EESC331	Changing Global Environments	6	Spring
EESC326	Resources and Environments	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			
MARE401	Marine Science Honours	48	Not available in 2020
MARE407	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

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2018 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) (Dean's Scholar) | 2018

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) 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 which form part of a Science major.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	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 CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry:	6	Autumn

	Properties of Matter		
Plus ONE of the following two subjects:			
EESC101	Planet Earth	6	Autumn
EESC103	Earth's Dynamic Surface	6	Spring
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Plus 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
Year 2			
Autumn			
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
*MATH151 must be completed by any student who has not completed NSW HSC Mathematics or equivalent at Band 4 or higher.			
Spring			
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
STAT252	Statistics For the Natural Sciences	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			

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
EESC250	Field Geology	6	Summer 2020/2021
Year 3			
Autumn			
BIOL361	Conservation Biology	6	Autumn
GEOS215	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Spring			
BIOL365	Marine and Terrestrial Ecology	6	Spring
EESC322	Coastal Environments: Process and Management	6	Spring
MARE360	Fisheries and Aquaculture	6	Spring
Plus 18 credit points from the following list:			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL362	Ecophysiology	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn

EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Not available in 2020
SCIP310	Advanced Earth, Atmospheric and Life Sciences Project	6	Autumn, Spring, Summer 2020/2021
EESC331	Changing Global Environments	6	Spring
EESC326	Resources and Environments	6	Spring
Or other subjects approved by the coordinator			
Year 4			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option.			
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

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2018 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 | 2018

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 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.

Applied Statistics uses mathematical concepts and methods to develop scientific experiments, sample surveys, medical clinical trials and environmental studies. It uses mathematical models of variation to enable analysis and forecasting in many 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 coherent core understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in one or more of the discipline areas of pure mathematics, applied 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 work effectively and responsibly as an individual or in a team context.

Course Structure

To be eligible for award of the degree, the Bachelor of Mathematics, a candidate must satisfactorily complete at least 144 credits, comprised of the following:

- a. the subjects (60cp) listed in the Core Subjects table below;
- b. at least one subject in each of the three strands: Pure Mathematics, Applied Mathematics and Statistics listed in the Strand Subjects table below, including at least one 200 level subject from one strand (total of at least 18cp);
- c. no more than 60 credit points at the 100-level; and
- d. 300- and/or 400- level subjects from the Mathematics Schedule with a value of at least:
 - i. 36 credit points, or
 - ii. 24 credit points if combined with a major study in Computer Science, or
 - iii. 30 credit points if combined with any other major study;
- e. at least one major as outlined in the Majors Subjects table below; and
- f. elective subjects from either the Mathematics Schedule or the General Schedule, up to the degree total of 144 credit points.

Core Subjects

Subject Code	Subject Name	Credit Points	Session(s)
100-Level			
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
200-Level			

MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
MATH203	Linear Algebra	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring

Strand Subjects

Subject Code	Subject Name	Credit Points	Session(s)
Applied Mathematics			
Students intending to complete multiple applied mathematics subjects at 300 level are strongly advised to take:			
MATH212	Applied Mathematical Modelling 2	6	Spring
Pure Mathematics			
Students intending to complete multiple pure mathematics subjects at 300 level are strongly advised to take:			
MATH222	Continuous Mathematics	6	Autumn
Statistics			
Students intending to enrol in 300 level statistics subjects are strongly advised to take:			
STAT231	Probability and Random Variables	6	Autumn

Majors

Candidates may complete a major in:

- Mathematics
- Applied Statistics
- Mathematics and Statistics
- Mathematics and/or Statistics, with another discipline, as approved by the Academic Program Director.

All candidates are expected to consult with the Academic Program Director before committing themselves completely to any particular pattern, whether outlined below or not.

Mathematics

A major in Mathematics requires satisfactory completion of the following:

Subject Code	Subject Name	Credit Points	Session(s)
Six 300- or 400-level subjects from the Mathematics Schedule*		36	

* Chosen in consultation with Academic Program Director.

Applied Statistics

A major in Applied Statistics requires satisfactory completion of the following:

Subject Code	Subject Name	Credit Points	Session(s)
STAT232	Estimation and Hypothesis Testing	6	Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
Plus TWO 300- or 400- level subjects from the Mathematics Schedule			

Mathematics and Statistics

A major in Mathematics and Applied Statistics requires satisfactory completion of the following:

Subject Code	Subject Name	Credit Points	Session(s)
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STAT232	Estimation and Hypothesis Testing	6	Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
Plus FOUR 300- or 400- level MATH or INFO subjects from the Mathematics Schedule		24	

Mathematics and/or Statistics, with another discipline

Candidates wishing to major in Mathematics and/or Applied Statistics and another discipline are advised to first consult with the Degree Coordinator for verification of their intended program.

Double majors in Mathematics/Statistics and Computer Science and various Commerce disciplines are defined below.

Double Majors with Computer Science

Subject Code	Subject Name	Credit Points	Session(s)
Four 300- or 400- level subjects from the Mathematics Schedule or four 300- or 400- level STAT subjects from the Mathematics Schedule		24	
Plus the following subjects:			
CSIT113	Problem Solving	6	Autumn
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring

CSCI251	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.

Double Majors in Business

To graduate with a second major from the [Bachelor of Commerce](#), students are required to satisfactorily complete 30 credit points of 300- or 400- level subjects from the Mathematics Schedule (as the major in [Mathematics](#) or [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)
100-Level			
MATH100	Introduction to Mathematics	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
CSIT111	Programming Fundamentals	6	Autumn,

			Spring
STAT101	Introduction to Statistics	6	Spring
200-Level			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
MATH203	Linear Algebra	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
300-Level			
MATH302	Differential Equations 3	6	Autumn
MATH305	Partial Differential Equations	6	Spring
MATH312	Applied Mathematical Modelling 3	6	Spring
MATH313	Industrial Mathematical Modelling	6	Offered in odd years
MATH317	Financial Calculus	6	Autumn
MATH318	Operations Research	6	Spring
MATH321	Numerical Analysis	6	Spring
MATH322	Algebra	6	Autumn
MATH323	Topology and Chaos	6	Spring

MATH324	Calculus of Variations and Geometry	6	Offered in odd years
MATH325	Wavelets	6	Offered in odd years
MATH329	Medical Mathematics and Applications	6	Autumn
MATH371	Special Topics in Industrial and Applied Mathematics 3	6	Autumn, Spring
MATH372	Special Topics in Mathematical Analysis 3	6	Autumn, Spring
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
STAT373	Special Topics in Probability and Statistics 3	6	Autumn
STAT374	Special Topics in Applied Statistics 3	6	Spring
400-Level			
INFO411	Data Mining and Knowledge Discovery	6	Autumn
INFO412	Mathematics for Cryptography	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 or [Academic Program Director](#)

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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) | 2018

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 demonstrate:

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 Coordinator.

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 2018/Autumn 2019
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 2018/Autumn 2019
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 BMath(Hons) coordinator.

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

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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 | 2018

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:	4-4.5 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 [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.

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 under [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 Mathematics](#) or a [Bachelor of Computer Science](#).

The following program of study is recommended to satisfy the requirements in minimum time.

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 the total value of 84 credit points consisting of 42 credit points of core subjects and 36 credit points of 300 level mathematics subjects
- 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.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
CSIT113	Problem Solving	6	Autumn
MATH221	Mathematics for Computer Science	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
STAT101	Introduction to Statistics	6	Spring
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT114	System Analysis	6	Autumn, Spring
MATH188	Mathematics 2: Series	6	Spring

	and Integral Calculus		
MATH100	Introduction to Mathematics	6	Autumn
Year 2			
CSIT115	Data Management and Security	6	Autumn
CSIT21	Object Oriented Design and Programming	6	Autumn, Spring
CSIT27	Networks and Communications	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
CSIT28	Introduction to Web Technology	6	Spring
Plus TWO subjects from the following:			
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			
CSIT214	IT Project Management	6	Autumn, Spring
CSCI235	Database Systems	6	Autumn, Spring
MATH203	Linear Algebra	6	Autumn
CSIT226	Human Computer Interaction	6	Spring

CSCI251	Advanced Programming	6	Autumn, Spring
CSCI203	Algorithms and Data Structures	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
Plus any 6 credit points of 300-level Mathematics subjects.			
Year 4			
CSIT314	Software Development Methodologies	6	Autumn, Spring
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019
Plus 18 credit points of 300-level Mathematics subjects.			
Plus 12 credit points of 300- level Computer Science subjects.			
Year 5 - 1 session only			
Plus any 12 credit points of 300-level Mathematics subjects.			
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

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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 | 2018

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.

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Mathematics - Bachelor of Laws offers opportunities for students with and aptitude for, and an interest in, 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

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 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 [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 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 Course Program below;
2. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule;

3. subjects to the value of at least 96 credit points from the [Mathematics Course Schedule](#) or the General Schedule, 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
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from Mathematics and Applied Statistics schedule		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6

LLB3397	Legal Internship	3
1 LLB Elective		
Subjects from Mathematics and Applied Statistics schedule		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from Mathematics and Applied Statistics schedule Spring		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from Mathematics and Applied Statistics schedule		

Law 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 \(Graduate Entry\)](#).

Timetables

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 not available in the Bachelor of Laws degree.

Refer to the School of Mathematics and Applied Statistics for majors available in the Bachelor of Mathematics degree.

Students can consult with academic advisors in the relevant School

concerning the selection of appropriate subjects.

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.

Honours

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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

Further information is available via email: 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) | 2018

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 - 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 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 and identify core knowledge and understandings of the discipline..
2	Exhibit and apply knowledge in chosen discipline.
3	Demonstrate knowledge of research principles and methods.
4	Communicate concepts effectively 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

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. Should you wish to complete the degree within 4 years, please note that you will need to complete 9 subjects (54 credit points) in most years. Student who wish to complete the required subjects over a longer duration are encouraged to discuss course progression options with the Program Coordinator. All students must take particular notice of the Course Rules regarding minimum rate of progress.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH100	Introduction to Mathematics	6	Autumn
STAT101	Introduction to Statistics	6	Spring
CSIT110	Fundamental Programming with Python	6	Autumn
MATH123	Discrete Mathematics and Difference Equations	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
Year 2			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
MATH202	Differential Equations 2	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring

PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 3			
MATH222	Continuous Mathematics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
PHYS305	Quantum Mechanics	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
MATH302	Differential Equations 3	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH305	Partial Differential Equations	6	Spring
PHYS375	Nuclear Physics	6	Spring
Year 4 and continuation into the ninth session *			
PHYS325	Electromagnetism	6	Autumn
PHYS396	Electronic Materials	6	Spring
PHYS385	Statistical Mechanics	6	Spring
Complete ONE of the following two subjects:			
STAT333	Statistical Inference	6	Spring
MATH312	Applied Mathematical Modelling 3	6	Spring
Complete ONE of the following two subjects:			
One 300 level STAT subject			
MATH323	Topology and Chaos	6	Spring
Complete ONE of the following two subjects:			

MATH313	Industrial Mathematical Modelling	6	Offered in odd years
STAT232	Estimation and Hypothesis Testing	6	Spring
Complete either:			
TWO 300-level elective Mathematics subjects totaling 12 credit points			
or			
STAT304	Applied Probability and Financial Risk	6	Autumn
and			
STAT332	Linear and Generalised Linear Models	6	Spring
PLUS complete ONE of the two following:			
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
PHYS335	Classical Mechanics	6	Autumn
PLUS three elective subject with the approval of the Academic Program Director			

* Due the various options that students can complete, the last and ninth sessions are incorporated into year 4 above.

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 would. 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 or [Academic Program Director](#)

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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 | 2018

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 have achieved 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 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 coherent and firm understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in one or more of the discipline areas of pure mathematics, applied mathematics and/or 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 work effectively and responsibly as an individual or in a team context.
6	Apply knowledge and skills to demonstrate growing independence in

judgement as a training mathematician or statistician

Course Structure

To be eligible for award of the degree, the Bachelor of Mathematics Advanced, a candidate must satisfactorily complete an aggregate of 144 credit points, comprised of the following:

- a. 54 credit points of core subjects;
- b. No more than 60 credit points at 100-level;
- c. One 200-level project, and one 300-level project;
- d. At least one major, chosen from the available options below in consultation with the Academic Program Director; and
- e. 300-level and/or 400-level subjects (not including [MATH345](#) or [STAT345](#)) from the Mathematics Schedule completed, at a grade of pass or better, with a value of at least:
 - 36 credit points, or
 - 24 credit points, if combined with a major study in Computer Science
 - 30 credit points, if combined with any other major study
 - 48 credit points if completing a double major in both Mathematics and Statistics.

Continuation in the Bachelor of Mathematics Advanced will normally be dependent upon achieving an average mark of at least 80% each year. Students who do not meet the required average will be transferred to the Bachelor of Mathematics degree.

Majors

- Mathematics
- Applied Statistics
- Mathematics and Statistics
- Mathematics and/or Statistics, with another discipline

Core Subjects

Subject Code	Subject Name	Credit Points	Session(s)
100-level			
MATH100	Introduction to Mathematics	6	Autumn
MATH110	Advanced Mathematics	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
STAT101	Introduction to Statistics	6	Spring

200-level			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
MATH203	Linear Algebra	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring

Major in Mathematics

A major in Mathematics requires satisfactory completion of the following in addition to the core subjects listed above:

Subject Code	Subject Name	Credit Points	Session(s)
Year 2			
STAT231	Probability and Random Variables	6	Autumn
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
Plus ONE of the following two subjects:			
MATH235	Mathematics Project A	6	Autumn, Spring
STAT235	Statistics Project A	6	Spring
Year 3			
Students must choose ONE of the following two subjects:			
MATH345	Mathematics Project B	6	Autumn, Spring
STAT345	Statistics Project B	6	Autumn, Spring

Plus 36 credit points of 300-level or 400-level MATH or INFO subjects chosen from the Mathematics Schedule	36	Autumn, Spring
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Major in Applied Statistics

A major in Applied Statistics requires satisfactory completion of the following in addition to the core subjects listed above:

Subject Code	Subject Name	Credit Points	Session(s)
Year 2			
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
STAT235	Statistics Project A	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
Year 3			
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
STAT345	Statistics Project B	6	Autumn, Spring
TWO 300-level subject chosen from the Mathematics Schedule		12	Autumn, Spring

Major in Mathematics and Statistics

A major in Mathematics and Statistics requires satisfactory completion of the following in addition to the core subjects listed above:

Subject Code	Subject Name	Credit Points	Session(s)
Year 2			
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
Plus ONE of the following two subjects:			
MATH235	Mathematics Project A	6	Autumn, Spring
STAT235	Statistics Project A	6	Spring
ONE 300-level MATH subject from the Mathematics Schedule		6	Autumn, Spring
Year 3			
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
Plus 18 credit points of 300-level or 400-level MATH or INFO subjects chosen from the Mathematics Schedule		18	Autumn, Spring

Plus ONE of the following two subjects:			
MATH345	Mathematics Project B	6	Autumn, Spring
STAT345	Statistics Project B	6	Autumn, Spring

Mathematics and/or Statistics, with Another Discipline

The requirements for the second major may vary according to discipline chosen. Some majors are listed under the [Bachelor of Mathematics](#) degree regulations; for others, candidates may need to check with the relevant school/unit.

Students must complete the following:

1. Mathematics and/or Statistics major (as outlined above).
2. For students completing a Computer Science major: only 6 credit points of 300- or 400-level MATH or INFO subjects chosen from the Mathematics Schedule.
3. For students completing any other major: only 12 credit points of 300- or 400-level MATH or INFO subjects chosen from the Mathematics Schedule.
4. Other subjects leading to the completion of the second major.

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 or [Academic Program Director](#)

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2018 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 (Honours) | 2018

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 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 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; and
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) Coordinator.

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 2018/Autumn 2019
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 2018/Autumn 2019
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 BMathAdv(Hons) Coordinator.

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 or [Academic Program Director](#)

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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) | 2018

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.

The degree allows students to specialise through one of five optional majors:

- Financial Planning
- Mathematical Economics
- Quantitative Corporate Finance and Investments
- Quantitative and Computational Trading
- Risk Management and Insurance

All graduates from this degree working in the finance industry qualify for Associate membership of the Financial Services Institute of Australasia (FINSIA).

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 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 satisfaction.

Course Structure

Students who enrol in Bachelor of Mathematics and Finance (Honours) are required to satisfactorily complete at least 192 credit points of subjects, consisting of:

- a. all compulsory subjects listed in the course structure table below;
- b. [INFO401](#) Mathematics and Finance Honours Project (12 credit points);
- c. at least 54 additional credit points of 300- and/or 400-level subjects; which must include:
 - 18 credit points of MATH/STAT/INFO* subjects,
 - 18 credit points of ACCY/FIN/ECON subjects,
 - 18 credit points of 400-level subjects, and
- d. at least one 400-level 6 credit point MATH, STAT or INFO* subject other than MATH407.

*Refers to INFO subjects in the List of Electives.

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](#).

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 following program of study is recommended to satisfy the requirements in minimum time. The subjects listed are compulsory unless otherwise stated.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn

MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH100	Introduction to Mathematics	6	Autumn
STAT101	Introduction to Statistics	6	Spring
CSIT110	Fundamental Programming with Python	6	Autumn
MATH123	Discrete Mathematics and Difference Equations	6	Spring
Year 2			
FIN 222	Corporate Finance	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
FIN 223	Investment Analysis	6	Autumn, Spring
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
Plus ONE subject chosen from List of Electives			
Year 3			
FIN 322	Advanced Corporate Finance	6	Spring
FIN 323	Portfolio Analysis	6	Autumn
ECON331	Financial Economics	6	Spring

MATH203	Linear Algebra	6	Autumn
MATH317	Financial Calculus	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
Plus subjects chosen from List of Electives		12	
Year 4			
MATH407	Research Methods	6	Autumn
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
Plus subjects chosen from the List of Electives		30	
List of Electives			
Any MATH, STAT, FIN or ECON subject plus the subjects below.			
ACCY200	Financial Accounting IIA	6	Autumn, Spring
ACCY201	Financial Accounting IIB	6	Spring, Summer 2017/2018
ACCY228	Taxation for Financial Planners	6	Spring
CSIT113	Problem Solving	6	Autumn
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring
CSCI251	Advanced Programming	6	Autumn, Spring
CSCI235	Database Systems	6	Autumn, Spring
ISIT301	Professional Practice & Ethics	6	Not offered in this year
INFO411	Data Mining and Knowledge Discovery	6	Autumn

INFO412	Mathematics for Cryptography	6	Autumn
CSIT115	Data Management and Security	6	Autumn
LAW 101	Law, Business and Society	6	Autumn
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2017/2018
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2017/2018
MGNT208	Introduction to Management for Professionals A	6	Autumn

Majors

All Bachelor of Mathematics and Finance (Honours) students wishing to qualify for one of the major studies must satisfy all the Course Rules specified above. To qualify for a major, additional requirements must be met, which are detailed below together with suggested programs of study. The possible majors are:

- [Financial Planning](#)
- [Mathematical Economics](#)
- [Quantitative Corporate Finance and Investments](#)
- [Quantitative and Computational Trading](#)
- [Risk Management and Insurance](#)

Professional Recognition/Accreditation

Completion of this degree provides 'points' towards membership of [Financial Services Institute of Australasia](#) (FINSIA). (Their membership system allocates points based on a person's qualifications and industry experience. See their website for more details.

The Bachelor of Mathematics and Finance (Honours) major "Financial Planning" has been placed on the [Australian Securities and Investment Commission's](#) (ASIC) training register. This means that students completing this major will satisfy Tier 1 of ASIC's training requirements relevant to a range

of advisory activities. Such accreditation is very important for those wishing to pursue quantitative careers in the financial services industry.

Students who complete the "Risk Management and Insurance" major and who wish to pursue a professional actuarial qualification are eligible for entry to the Master of Actuarial Studies (1.5 years) at the University of New South Wales (minimum credit average 65% grade), the Master of Actuarial Practice (1.5 years) at Macquarie University (minimum GPA of 3), and the Master of Actuarial Statistics (1 year) or Master of Actuarial Studies (2 year) programs at the Australian National University (minimum 65% grade in last two years of study). Students may also qualify for exemptions in these courses and should contact program directors about the level of professional qualification offered in each Masters degree.

Other Information

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

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2018 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) | 2018

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.

The degree allows students to specialise through one of five optional majors:

- Financial Planning
- Mathematical Economics
- Quantitative Corporate Finance and Investments
- Quantitative and Computational Trading
- Risk Management and Insurance.

All graduates from this degree working in the finance industry qualify for Associate membership of the Financial Services Institute of Australasia (FINSIA).

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 with the addition of an early research subject. 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 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

Course programs for the Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) degree consist of the current (non-Dean's Scholar) [Bachelor of Mathematics and Finance \(Honours\)](#) program, with the following changes.

- Students may replace [MATH407](#) with a 400 level subject from the List of Electives.

Continuation in the 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 equivalent non-Dean's Scholars degree.

Students who enrol in Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) are required to satisfactorily complete at least 192 credit points of subjects, consisting of:

- a. all compulsory subjects listed in the course structure table below,
- b. one of Dean' Scholar core subjects, i.e. either [MATH235](#) Mathematics Project A or [STAT235](#) Statistics Project A.
- c. [INFO401](#) Mathematics and Finance Honours Project (12 credit points);
- d. at least 54 additional credit points of 300- and/or 400-level subjects; which must include:
 - 18 credit points of MATH/STAT/INFO* subjects,
 - 18 credit points of ACCY/FIN/ECON subjects,
 - 18 credit points of 400-level subjects, and

- e. at least one 400-level 6 credit point MATH, STAT or INFO* subject, other than MATH407.

*Refers to INFO subjects in the List of Electives.

In order to progress to the fourth Dean's Scholar version of the Honours program, students must attain an average of at least 65% 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 following program of study is recommended to satisfy the requirements in minimum time. The subjects listed are compulsory unless otherwise stated.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH100	Introduction to Mathematics	6	Autumn
MATH123	Discrete Mathematics and Difference Equations	6	Spring
STAT101	Introduction to Statistics	6	Spring
CSIT111	Programming Fundamentals	6	Autumn, Spring

Year 2			
FIN 222	Corporate Finance	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
FIN 223	Investment Analysis	6	Autumn, Spring
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
Plus ONE subject chosen from List of Electives			
Year 3			
FIN 322	Advanced Corporate Finance	6	Spring
FIN 323	Portfolio Analysis	6	Autumn
ECON331	Financial Economics	6	Spring
MATH203	Linear Algebra	6	Autumn
MATH317	Financial Calculus	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
Plus ONE subject chosen from List of Electives		6	
Plus ONE of the Dean's Scholar core subjects below			
MATH235	Mathematics Project A	6	Autumn, Spring
STAT235	Statistics Project A	6	Spring
Year 4			

MATH407	Research Methods	6	Autumn
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
Plus subjects chosen from the List of Electives		30	
List of Electives			
Any MATH, STAT, FIN or ECON subject plus the subjects below.			
ACCY200	Financial Accounting IIA	6	Autumn, Spring
ACCY201	Financial Accounting IIB	6	Spring, Summer 2017/2018
ACCY228	Taxation for Financial Planners	6	Spring
CSIT113	Problem Solving	6	Autumn
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring
CSCI251	Advanced Programming	6	Autumn, Spring
CSCI235	Database Systems	6	Autumn, Spring
ISIT301	Professional Practice & Ethics	6	Not offered in this year
INFO411	Data Mining and Knowledge Discovery	6	Autumn
INFO412	Mathematics for Cryptography	6	Autumn
CSIT115	Data Management and Security	6	Autumn
LAW 101	Law, Business and Society	6	Autumn
MARK101	Marketing Principles	6	Autumn, Spring, Summer

			2018/2018
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2018/2018
MGNT208	Introduction to Management for Professionals A	6	Autumn

Majors

All Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) students wishing to qualify for one of the major studies must satisfy all the Course Rules specified above. To qualify for a major, additional requirements must be met, which are detailed below together with suggested programs of study. The possible majors are:

- [Financial Planning](#)
- [Mathematical Economics](#)
- [Quantitative Corporate Finance and Investments](#)
- [Quantitative and Computational Trading](#)
- [Risk Management and Insurance](#)

Please note that the Quantitative and Computational Trading major requires more than 192 credit points to complete this major.

Professional Recognition/Accreditation

Completion of this degree provides 'points' towards membership of [Financial Services Institute of Australasia](#) (FINSIA). (Their membership system allocates points based on a person's qualifications and industry experience. See their website for more details).

The Bachelor of Mathematics and Finance (Honours) (Dean's Scholar) major "Financial Planning" has been placed on the [Australian Securities and Investment Commission's](#) (ASIC) training register. This means that students completing this major will satisfy Tier 1 of ASIC's training requirements relevant to a range of advisory activities. Such accreditation is very important for those wishing to pursue quantitative careers in the financial services industry.

Students who complete the "Risk Management and Insurance" major and who wish to pursue a professional actuarial qualification are eligible for entry to the Master of Actuarial Studies (1.5 years) at the University of New South Wales (minimum credit average 65% grade), the Master of Actuarial Practice (1.5 years) at Macquarie University (minimum GPA of 3), and the Master of

Actuarial Statistics (1 year) or Master of Actuarial Studies (2 year) programs at the Australian National University (minimum 65% grade in last two years of study). Students may also qualify for exemptions in these courses and should contact program directors about the level of professional qualification offered in each Masters degree.

Other Information

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

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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 | 2018

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.

In addition to coursework requirements, students are required to complete 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 passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.

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
Year 1		
Autumn		
PSYS150	Foundations of Human Development and Behaviour	6
MATH187	Mathematics 1: Algebra and Differential Calculus	6
MATH100	Introduction to Mathematics	6

CSIT110	Fundamental Programming with Python	6
Spring		
MATH123	Discrete Mathematics and Difference Equations	6
MATH188	Mathematics 2: Series and Integral Calculus	6
STAT101	Introduction to Statistics	6
MATH270	Reflective Communication of Mathematics	6
Year 2		
Autumn		
EDPS111	Education Foundations: Introduction to Teacher Education	6
MATH201	Multivariable Calculus	6
MATH202	Differential Equations: Analysis and Applications	6
Plus ONE of the following*:		
MATH222	Real Analysis	6
STAT201	Random Variables and Introduction to Modelling	6
Spring		
EDPS201	Quality Teaching and Learning in Secondary Education I	6
EDSM202	Mathematics Pedagogy 1	6
EDPS302	Creating Positive Learning Environments	6
EDAE302	Aboriginal Education	6
Year 3		
Autumn		
EDPS222	Teachers as Communicators	6

EDLE301	Learners With Exceptional Needs	6
EDPS301	Quality Teaching and Learning in Secondary Education II	6
EDIC401	Effective use of ICT for Teaching & Learning	6
Spring		
MATH203	Linear Algebra and Groups	6
MATH205	Numerical Methods	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
Plus ONE of the following:		
Any 300 or 400 level subject with the prefix MATH, STAT or INFO *		6
MATH212	Applied Mathematical Modelling 2	6
Year 4		
Autumn		
EDPS401	Quality Teaching and Learning in Secondary Education III	6
MATH305	Partial Differential Equations	6
Plus TWO subjects at 300 or 400 level with the prefix MATH, STAT or INFO *		12
Spring		
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12
EDSM402	Mathematics Pedagogy 2	6
Plus ONE elective subject from the School of Education or the General Schedule**		6

* 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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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2018 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) | 2018

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 the successful completion of at least 192 credit points as outlined in the table below.

In addition to the coursework requirements, students are required to complete 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 passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.

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
Year 1		
Autumn		
PSYS150	Foundations of Human Development and Behaviour	6
MATH187	Mathematics 1: Algebra and Differential Calculus	6
MATH100	Introduction to Mathematics	6
CSIT110	Fundamental Programming with Python	6
Spring		
MATH123	Discrete Mathematics and Difference Equations	6
MATH188	Mathematics 2: Series and Integral Calculus	6
STAT101	Introduction to Statistics	6
MATH270	Reflective Communication of Mathematics	6
Year 2		
Autumn		
EDPS111	Education Foundations: Introduction to Teacher Education	6
MATH201	Multivariable Calculus	6
MATH202	Differential Equations: Analysis and Applications	6
Plus ONE of the following*:		

MATH222	Real Analysis	6
STAT201	Random Variables and Introduction to Modelling	6
Spring		
EDPS201	Quality Teaching and Learning in Secondary Education I	6
EDSM202	Mathematics Pedagogy 1	6
EDPS302	Creating Positive Learning Environments	6
EDAE302	Aboriginal Education	6
Year 3		
Autumn		
EDPS222	Teachers as Communicators	6
EDLE301	Learners With Exceptional Needs	6
EDPS301	Quality Teaching and Learning in Secondary Education II	6
EDIC401	Effective use of ICT for Teaching & Learning	6
Spring		
EDER202	Dean's Scholars Project	
MATH203	Linear Algebra and Groups	6
MATH205	Numerical Methods	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
Year 4		
Autumn		
EDPS401	Quality Teaching and Learning in Secondary Education III	6
MATH305	Partial Differential Equations	6

Plus TWO subjects at 300 or 400 level with the prefix MATH, STAT or INFO *		12
Spring		
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12
EDSM402	Mathematics Pedagogy 2	6
Plus ONE elective subject from the School of Education or the General Schedule**		6

*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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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2018 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 | 2018

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
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)
Year 1			
Autumn			
MEDI111	Introduction to Anatomy and Physiology I	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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
or			
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus two subjects from the following list:			
HAS 130	Social Determinants of Health	6	Autumn
MEDI110			
INDS150			
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
Or other subjects approved by the Course Coordinator			
Spring			

BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
Select one of the following subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
or			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Plus one subject from the following list:			
ECON100	Economic Essentials for Business	6	Autumn, Spring
EESC102	Earth's Interconnected Spheres	6	Spring
GEOG122	Living in a Material World	6	Spring
INDS150	Introduction to Indigenous Australia	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
STS 112	Changing Perceptions of Nature	6	Autumn
Or other subject approved by the Course Coordinator.			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Plus 12 credit points of subjects from the following list:			
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	6	Not available in

	Issues		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
Plus 12 credit points of subjects from the following list:			
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
Or other subjects approved by the Course Coordinator.			
Year 3			
Autumn			
MEDI312	Fundamentals of Neuroscience	6	Autumn
Plus 18 credit points of subjects from the following list:			
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
Or other subjects that approved by the Course Coordinator.			
Spring			
Select 24 credit points of subjects from the following list:			
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
Or other subjects approved by the Course Coordinator.			

Minors

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](#).

Faculty of Science, Medicine and Health	Faculty of Law, Humanities and the Arts	Faculty of Business	Faculty of Social Sciences	Faculty of Engineering and Information Sciences
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 Media and Communication	Finance	Human Geography	Informatics
	Sociology	Human Resource Management	Social Marketing	
	Philosophy	Marketing	Criminology	
	Cultural Studies	Public Relations		
		Economics		

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

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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) | 2018

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

MEDI400

Honours

48

Other Information

For further information please email: 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 and Health Sciences (Honours) (Dean's Scholar) | 2018

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 Campus/UAC Code:	Wollongong / 757631

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)
Year 1			
Autumn			
MEDI111	Introduction to Anatomy and Physiology I	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 CHEM 104 and CHEM105			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
Or			
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus 12 credit points of subjects from the following list:			
HAS 130	Social Determinants of Health	6	Autumn
MEDI110			
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
Or other approved subjects approved by the course coordinator.			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
Select one of the following subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
Or			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Plus one subject from the following list:			
ECON100	Economic Essentials for Business	6	Autumn, Spring
EESC102	Earth's Interconnected Spheres	6	Spring
GEOG122	Living in a Material World	6	Spring
INDS150	Introduction to Indigenous Australia	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
STS 112	Changing Perceptions of Nature	6	Autumn
Or other subject approved by the Course Coordinator.			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Plus 12 credit points of subjects from the following list:			
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

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

Select 12 credit points of subjects from the following list:

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

Or other subjects approved by the Course Coordinator.

Year 3

Autumn

MEDI312	Fundamentals of Neuroscience	6	Autumn
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Plus 18 credit points of subjects from the following list:

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

Or other subjects approved by the Course Coordinator.

Spring			
Select 24 credit points of subjects from the following list:			
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
Or other subjects approved by the Course Coordinator.			
Year 4			
MEDI400	Honours	48	Not available in 2020

Minors

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](#).

Faculty of Science, Medicine and Health	Faculty of Law, Humanities and the Arts	Faculty of Business	Faculty of Social Sciences	Faculty of Engineering and Information Sciences
Indigenous Health Studies	Ethics	Management	Work, Health and Safety	Energy and Climate
Geosciences	Science and Technology	Accountancy		Mathematics
Earth and Environmental Science	Creative Writing	Business Information Systems	Social Policy	Physics
Archaeology	Philosophy of Psychology	Business Law	Introduction to Public Health	General Physics
Physical Geography	Digital Media and Communication	Finance	Psychology	Informatics
	Sociology	Human Resource Management	Human Geography	

	Philosophy	Marketing	Social Marketing
	Cultural Studies	Public Relations	Criminology
		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

Further information is available at:

[UOW Course Finder](#)

Email: smah-students@uow.edu.au

Last reviewed: 23 September, 2019

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2018 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 | 2018

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)
Year 1			
MEDI100	Human Structure and Function	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	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
Plus TWO electives (6cp each) chosen from the General Schedule.			
Year 2			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring

PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS255	Radiation Physics	6	Spring
Year 3			
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
Plus ONE elective (6cp) chosen from the General Schedule.			

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 or [Academic Programs Director](#)

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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) | 2018

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)
Year 1			
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
Plus TWO electives from the General Schedule (6cp each)			
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS255	Radiation Physics	6	Spring
Year 3			
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
Plus ONE elective from the General Schedule (6cp)			

Year 4			
PHYS466	Research Methods	6	Annual
PHYS462	Medical Imaging	6	Autumn
PHYS463	Nuclear Medicine	6	Spring
PHYS461	Radiobiology and Radiation Protection	6	Spring
PHYS457	Research Project	24	Annual, Spring 2018/Autumn 2018

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 or [Academic Program Director](#)

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2018 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) | 2018

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 which form part of a Science major.
- This is a prescribed program of study comprising core and optional subjects as set out below.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MATH151	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 CHEM101 and CHEM102 . All other students must select CHEM104 and CHEM105 .			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry:	6	Autumn

	Properties of Matter		
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
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
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	Spring
*STS 112 is compulsory for those students taking an approved course of study which does not include SOC 251 (in Year 2).			
Year 2			
Autumn			

BIOL213	Principles of Biochemistry	6	Autumn
Spring			
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
Plus, 18 credit points of subjects from the following list:			
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	Social Aspects of Genetics and Biotechnology**	6	Autumn
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
**SOC 251 is compulsory for students who have not taken STS 112 in Year 1.			
Year 3			
Autumn			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
Plus, two subjects from the following list:			

BIOL362	Ecophysiology	6	Autumn
BIOL364	Advanced Biology	6	Autumn, Spring, Summer
CHEM358	Pharmacology	6	Autumn
MEDI312	Fundamentals of Neuroscience***	6	Autumn
PHIL326	Bioethics	6	Autumn
***Subject to approval from the Subject Coordinator			
Or other subjects approved by the Coordinator.			
Spring			
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
Plus, two subjects from the following list:			
BIOL342	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.			

Year 4

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

BIOL420	Biotechnology Honours	48	
BIOL418	Biotechnology Honours (Part-Time)	24	

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

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2018 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) (Dean's Scholar) | 2018

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 which form part of a Science major.

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)
Year 1			
Autumn			
BIOL105	Functional Biology of Animals and Plants	6	Autumn

MATH151	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 CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
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
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:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
PHYS155	Introduction to Biomedical	6	Spring

	Physics		
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
STS 112	The Scientific Revolution*	6	Spring
* STS 112 is compulsory for those students taking an approved course of study, which does not include SOC 251 (in Year 2).			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
Spring			
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
Plus, 18 credit points of subjects from the following list:			
BIOL292	Special Biology Studies	6	Autumn, Spring
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	Social Aspects of Genetics and Biotechnology**	6	Autumn

BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
**SOC 251 is compulsory for students who have not taken STS 112 in Year 1.			
Year 3			
Autumn			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
Plus, two subjects from the following list:			
BIOL362	Ecophysiology	6	Autumn
BIOL364	Advanced Biology	6	Autumn, Spring, Summer
CHEM358	Pharmacology	6	Autumn
MEDI312	Fundamentals of Neuroscience***	6	Autumn
PHIL326	Bioethics	6	Autumn
***Subject to approval from the Subject Coordinator.			
Or other subjects approved by the Coordinator.			
Spring			
BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
Plus, two subjects from the following list:			
BIOL342	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.			
Year 4			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
BIOL420	Biotechnology Honours	48	
BIOL418	Biotechnology Honours (Part-Time)	24	

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

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Bachelor of Medical Mathematics | 2018

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
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 is 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 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 coherent core understanding of the fundamentals of both the mathematical and statistical disciplines;
2	Exhibit depth and breadth of knowledge in one or more of the discipline areas of applied 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;

	and
6	Apply professional, social and ethical approaches in learning to extend existing knowledge and work effectively and responsibly as an individual or in a team context.

Course Structure

Students who enrol in the Bachelor of Medical Mathematics shall satisfactorily complete at least 144 credit points of prescribed subjects plus electives in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
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.			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2017/2018
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
Spring			
Students must choose ONE of the following two subjects:			
CHEM102	Chemistry 1B: Structure and	6	Spring

	Reactivity of Molecules for Life		
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
PHYS155	Introduction to Biomedical Physics	6	Spring
Year 2			
Autumn			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
Spring			
MATH202	Differential Equations 2	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
BIOL215	Introductory Genetics	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			
Autumn			

MATH302	Differential Equations 3	6	Autumn
MATH329	Medical Mathematics and Applications	6	Autumn
STAT335	Sample Surveys and Experimental Design	6	Autumn
Elective chosen from the list below		6	Autumn
Spring			
MATH305	Partial Differential Equations	6	Spring
MATH321	Numerical Analysis	6	Spring
STAT332	Linear and Generalised Linear Models	6	Spring
Elective chosen from the list below		6	Spring

Electives

The following subjects are approved for inclusion in the Bachelor of Medical Mathematics degree.

Subject Code	Subject Name	Credit Points	Session(s)
MATH222	Continuous Mathematics	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring
STAT333	Statistical Inference	6	Spring
MATH345	Mathematics Project B	6	Autumn, Spring
Or any other MATH, STAT, BIOL or CHEM subject at 300 level, and any subject from the General Schedule.			

Other Information

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

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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 Mathematics (Dean's Scholar) | 2018

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

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.

Continuation in the 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 equivalent non-Dean's Scholar 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 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 coherent core understanding of the fundamentals of both the mathematical and statistical disciplines.
2	Exhibit depth and breadth of knowledge in one or more of the discipline areas of applied 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 work effectively and responsibly as an individual or in a team context.
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 plus electives in accordance with the table below.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
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.			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2017/2018
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MEDI100	Human Structure and	6	Autumn

	Function		
Spring			
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
PHYS155	Introduction to Biomedical Physics	6	Spring
Year 2			
Autumn			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
Spring			
MATH202	Differential Equations 2	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
BIOL215	Introductory Genetics	6	Spring

STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			
Autumn			
MATH302	Differential Equations 3	6	Autumn
MATH329	Medical Mathematics and Applications	6	Autumn
STAT335	Sample Surveys and Experimental Design	6	Autumn
Elective chosen from the table below		6	Autumn
Spring			
MATH305	Partial Differential Equations	6	Spring
MATH321	Numerical Analysis	6	Spring
STAT332	Linear and Generalised Linear Models	6	Spring
Complete ONE of the following Dean's Scholar core subjects			
MATH235	Mathematics Project A	6	Autumn, Spring
STAT235	Statistics Project A	6	Spring

Electives

The following subjects are approved for inclusion in the Bachelor of Medical Mathematics (Dean's Scholar) degree.

Subject Code	subject Name	Credit Points	Session(s)
MATH222	Continuous Mathematics	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring
STAT333	Statistical Inference	6	Spring

MATH345	Mathematics Project B	6	Autumn, Spring
Or any other MATH, STAT, BIOL or CHEM subject at 300 level, and any subject from the General Schedule.			

Accelerated Program

Students who meet the entry requirements for the Bachelor of Mathematics Advanced, currently requiring 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, and the opportunity to enrol in [MATH345](#) Mathematics Project B and [STAT345](#) Statistics Project.

Other Information

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

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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 Mathematics (Honours) | 2018

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
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 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 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; and
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 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](#)).

[Honours Guide](#) provides detailed information for SMAS students. Students should also refer to the general [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)
MATH493	Medical Mathematics Honours Thesis	12	Annual, Spring 2017/Autumn 2018
MATH451	Advanced Topics in Mathematics A	12	Autumn
MATH452	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)
STAT493	Medical Statistics Honours Thesis	12	Annual, Spring 2017/Autumn 2018
STAT451	Advanced Topics in Statistics A	12	Autumn
STAT452	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 or [Academic Programs Director](#)

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Bachelor of Medicinal Chemistry (Honours) | 2018

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 which form part of a Science major.
- 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)
Year 1			
Autumn			

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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus, 12 credit points of subjects from the following list:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
or			
MATH151	General Mathematics 1A	6	Autumn
or			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
* 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			
BIOL103	Molecules, Cells and Organisms	6	Spring

MEDI112	Introduction to Anatomy and Physiology II	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
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
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
Note: Students completing CHEM104 and CHEM105 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.			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Spring			
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
Year 3			
Autumn			
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Plus, 12 credit points of subjects from the following list:			
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM360	Organic Synthesis III	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
Plus, ONE subject from the following list:			
BIOL341	Immunity and Infection	6	Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
Year 4			
CHEM470	Selected Topics in Medicinal Chemistry	12	
CHEM480	Medicinal Chemistry Project	36	

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

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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) | 2018

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 which form part of a Science major.

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)
Year 1			
Autumn			
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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus 12 credit points of subjects from the following list:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
or			
MATH151	General Mathematics 1A	6	Autumn
or			

MATH187	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 the listed MATH subjects.</p>			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
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
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
<p>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.</p>			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn

CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Spring			
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
Year 3			
Autumn			
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2018/2019
Plus, ONE subject from the following list:			
BIOL340			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring

CHEM360	Organic Synthesis III	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
Plus, ONE subject from the following list:			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
BIOL341	Immunity and Infection	6	Spring
Year 4			
CHEM470	Selected Topics in Medicinal Chemistry	12	
CHEM480	Medicinal Chemistry Project	36	

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

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2018 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 Nursing | 2018

Testamur Title of Degree:	Bachelor of Nursing
Abbreviation:	BNurse
UOW Course Code:	863
CRICOS Code:	003330B
Total Credit Points:	144
Duration:	3 years full-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 757101 Bega / 757102 Shoalhaven / 757103 Southern Sydney / 757104

Overview

The Bachelor of Nursing provides theoretical and professional practical education for a career in nursing.

Aims include sound knowledge for safe and competent practice; appropriate affective and psychomotor skills in providing holistic patient care; reflective nursing practice skills in a variety of settings; drawing on relevant principles of the biosciences, social and behavioural sciences; effective interpersonal and group communication skills; effective and collaborative functioning as a professional member of the health care team; effective and sensitive practice within a multicultural environment; responsibility for the continuing development of self and profession; and high level skills in organisation and allocation of priorities in clinical and practice activities.

Throughout the 3 year course, students will be required to attend 21 weeks off-campus workplace experience in a variety of settings and different area health services. Students can expect to travel up to 2 hours to attend their workplace experience.

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	Evaluate knowledge, skills and behaviours for the provision of safe and effective quality and culturally appropriate nursing care.
2	Critically evaluate relevant theories and frameworks that inform contemporary nursing
3	Demonstrate a critical awareness of knowledge, skills and behaviours commensurate with an effective nurse leader, educator and researcher.
4	Assess, plan, deliver and evaluate person-centred and family focussed

	care, utilising the Roper-Logan-Tierney (2000) model of living/model for nursing.
5	Use clinical reasoning skills for effective clinical decisions.
6	Employ effective professional interpersonal and communication skills.
7	Work effectively within an interprofessional health care team
8	Demonstrate initiative and judgement within professional, ethical and legal frameworks
9	Demonstrate the ability to create a therapeutic relationship with acknowledgement of professional requirements
10	Engage in reflexive nursing practice contributing to personal and professional development.

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 see 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
Year 1		
Autumn		
NMIH101	Effective Communication in Health Care Relationships	6
NMIH102	Patterns of Knowing in Nursing	6

NMIH103	Art and Science of Nursing A	6
NMIH104	Art and Science of Nursing B	6
Spring		
NMIH105	Primary Health Care Nursing	6
NMIH106	Essentials of Care A	6
NMIH107	Essentials of Care B	6
NMIH108	Introduction to Health Behaviour Change	6
Year 2		
Autumn		
NMIH201	Principles of Episodic Care	6
NMIH202	Developing Nursing Practice 1	6
NMIH203	Family Centred Nursing	6
NMIH204	Reflection and Practice	6
Spring		
NMIH205	Cultural Competence in Health Care Practice	6
NMIH206	Therapeutics in Nursing	6
NMIH207	Developing Nursing Practice 2	6
NMIH208	Mental Health Nursing 1	6
Year 3		
Autumn		
NMIH301	Nursing Care of People with Chronic Conditions	6
NMIH302	Mental Health Nursing 2	6
NMIH303	Therapeutic Use of Self	6
NMIH304	Evidence Appreciation and Application in	6

	Health Care Practice	
Spring		
NMIH305	Nursing Care of People with Complex Conditions	6
NMIH306	Challenges of Ageing	6
NMIH307	Leadership in Health Care Practice	6
NMIH308	Transition to Professional Practice	6

* denotes inclusion of workplace experience

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 are 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

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2018 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 Nursing (Conversion) | 2018

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 Hong Kong

*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)
Full Time Study: Onshore			
Autumn			
NMIH317	Promoting Clinical Excellence	6	Autumn
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn, CCCU Semester C
Plus, 12 credit points of subjects from the following list:			
NMIH203	Family Centred Nursing	6	Autumn
NMIH303	Therapeutic Use of Self	6	Autumn, CCCU Semester C
NMIH319	Contemporary Research in Practice	12	Autumn
Spring			
NMIH307	Leadership in Health Care Practice	6	Spring, CCCU Semester A
NMIH325	Community Development Nursing: Theory and Practice	6	Spring, CCCU Semester A
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)
Full Time Study: Onshore			
Autumn			
NMIH203	Family Centred Nursing	6	Autumn
NMIH317	Promoting Clinical Excellence	6	Autumn
NMIH303	Therapeutic Use of Self	6	Autumn, CCCU Semester C
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn, CCCU Semester C
Or, the following subject approved in consultation with the course coordinator			
NMIH319	Contemporary Research in Practice	12	Autumn

Subject Code	Subject Name	Credit Points	Session(s)
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Full Time Study: Onshore			
Spring			
NMIH205	Cultural Competence in Health Care Practice	6	Spring
NMIH325	Community Development Nursing: Theory and Practice	6	Spring, CCCU Semester A
NMIH315	Practice Development and Person Centred Nursing	6	Spring
NMIH307	Leadership in Health Care Practice	6	Spring, CCCU Semester A

Subject Code	Subject Name	Credit Points	Session(s)
Part Time Study: Onshore and Offshore			
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn, CCCU Semester C
NMIH303	Therapeutic Use of Self	6	Autumn, CCCU Semester C
NMIH307	Leadership in Health Care Practice	6	Spring, CCCU Semester A
NMIH325	Community Development Nursing: Theory and Practice	6	Spring, CCCU Semester A

Other Information

For further information please email: smah-students@uow.edu.au

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2018 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 Nursing (Honours) | 2018

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

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

Students graduating from the Bachelor of Nursing (Honours) will be able to:

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
These subjects are designed to allow students to complete the Bachelor of Nursing (Honours) full time - NMIH404 (24cp x 2) or part time - NMIH403 (12cp x 4) across a single semester. Please consult with the Academic Program Director prior to enrolment.		
NMIH403	Nursing Honours (Part time)	12

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

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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 for Overseas Qualified Nurses | 2018

Testamur Title of Degree:	Bachelor of Nursing for Overseas Qualified Nurses
Abbreviation:	BNurse(OSQualNurse)
UOW Course Code:	1836
CRICOS Code:	068539C
Total Credit Points:	96
Duration:	2 years full-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Autumn
Delivery Mode:	On-campus
Delivery Campus:	Wollongong

Overview

The Bachelor of Nursing (Overseas Qualified Nurses) degree has been designed for nurses who are educated and registered outside of Australia. The Bachelor of Nursing (Overseas Qualified Nurses) provides theoretical and professional practical education, on completion; graduates are eligible to apply to register as a nurse with the Nurses and Midwives Board Australia. The aims of the course are identical to the aims of the Bachelor of Nursing course.

As a condition of entry to the program, all applicants are required to attend a mandatory three-week orientation module commencing in early February and pass all assessment activities. Those who do not attend on commencement or do not pass the assessment will be offered a place in the three-year Bachelor of Nursing degree. Throughout the 2 year course, students will be required to attend 19 weeks off-campus workplace experience in a variety of settings and different area health services. Students can expect to travel up to 2 hours to attend their workplace experience.

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

Students graduating from the Bachelor of Nursing for Overseas Qualified Nurses (BNOQN) will be able to:

1. Evaluate knowledge, skills and behaviours for the provision of safe and effective quality and culturally appropriate nursing care.
2. Critically evaluate relevant theories and frameworks that inform contemporary nursing.
3. Demonstrate a critical awareness of knowledge, skills and behaviours commensurate with an effective nurse leader, educator and researcher.
4. Assess, plan, deliver and evaluate person-centred and family focussed care, utilising the Roper-Logan-Tierney (2000) model of living/model for nursing.
5. Use clinical reasoning skills for effective clinical decisions.
6. Employ effective professional interpersonal and communication skills.
7. Work effectively within an interprofessional health care team.
8. Demonstrate initiative and judgement within professional, ethical and legal frameworks.
9. Demonstrate the ability to create a therapeutic relationship with acknowledgement of professional requirements.
10. Engage in reflexive nursing practice contributing to personal and

professional development.

Course Structure

To qualify for award of the degree, the Bachelor of Nursing for Overseas Qualified Nurses, a candidate must successfully complete at least 96 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 Overseas Qualified Nurses. For further information on Criminal Record Checks and Infectious Diseases please see visit [Student Clearances for Clinical Placements - NSW Department of Health](#).

Inherent requirements ensure the academic 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 [UOW Inherent Requirements](#) website.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
Autumn			
NMIH101	Effective Communication in Health Care Relationships	6	Autumn
NMIH102	Patterns of Knowing in Nursing	6	Autumn
NMIH201	Principles of Episodic Care	6	Autumn
NMIH202	Developing Nursing Practice 1	6	Autumn
Spring			
NMIH205	Cultural Competence in Health Care Practice	6	Spring
NMIH206	Therapeutics in Nursing	6	Spring
NMIH207	Developing Nursing Practice 2	6	Spring

NMIH208	Mental Health Nursing 1	6	Spring
Year 2			
Autumn			
NMIH203	Family Centred Nursing	6	Autumn
NMIH204	Reflection and Practice	6	Autumn
NMIH304	Evidence Appreciation and Application in Health Care Practice	6	Autumn
NMIH322	Nursing Care of People with Chronic and Complex Conditions	6	Autumn
Spring			
NMIH323	Primary and Community Health Care Nursing	6	Spring
NMIH306	Challenges of Ageing	6	Spring
NMIH307	Leadership in Health Care Practice	6	Spring
NMIH308	Transition to Professional Practice	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.

Orientation Module

The compulsory orientation module will ensure that the students have the pre-requisite knowledge and skills for clinical practice, nursing process and safety content in Year 1 to include: medication, infection control, CPR, manual handling, medical terminology and colloquial language within the Australian context. This will be via a program of simulation and workshops that will include a series of challenges that will be structured and assessed. The orientation module is scheduled three weeks prior to the commencement of Autumn session in February each year.

Compulsory Work Placement / Online Components

This course contains a total of 760 hours over 19 weeks of compulsory work-based placements. This course may also contain compulsory components to be completed online.

Professional Recognition/Accreditation

Graduates are eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia (NMBA). Registration with the Australian Health Professionals Registration Authority will require an International English Language Testing System (IELTS) score of 7.0, with a minimum score of 7.0 in all four test categories: 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 BNursing (OSQualNurs). Visit the [Nursing and Midwifery Board of Australia](#) for further information.

Other Information

For further information please email: smah-students@uow.edu.au

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2018 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 Nursing Advanced | 2018

Note: This course is currently under review and is not available in 2018 for new enrolments.

Testamur Title of Degree:	Bachelor of Nursing Advanced
Abbreviation:	BNurseAdv
UOW Course Code:	1835
CRICOS Code:	068538D
Total Credit Points:	192
Duration:	4 years full-time
Home Faculty:	Faculty of Science, Medicine and Health
Intake Session(s):	Not on offer for 2018
Delivery Mode:	On-campus (Year 1, 2 and Autumn Session Year 3) Flexible (Spring Session Year 3 and Autumn Session Year 4)

Delivery Campus / UAC Code:	Wollongong/757110 Bega/757111 Shoalhaven/757112 Southern Sydney/757113 Batemans Bay/757114
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: smah-students@uow.edu.au

Last reviewed: 17 October, 2017

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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) | 2018

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)
Year 1			
Autumn			
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
MEDI100	Human Structure and Function	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 CHEM101 and CHEM102. All other students must select CHEM104 and CHEM105.			
CHEM101	Chemistry IA: Introductory	6	Autumn

	Physical and General Chemistry		
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus ONE subject from the following list:			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2018/2019
SOC 103	Introduction to Sociology	6	Autumn
INDS150			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Spring
Plus ONE subject from the following list:			
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
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI231	Measurement of diet and	6	Autumn

	health promotion		
Spring			
STAT251	Fundamentals of Biostatistics	6	Spring
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI251	Nutritional Epidemiology	6	Spring
MEDI213	Nutritional Physiology	6	Spring
Year 3			
Autumn			
MEDI362	Research in Human Nutrition	6	Autumn
DIET467	Dietetics Care 1	12	Autumn
MEDI363	Community and Public Health Nutrition	6	Autumn
Spring			
DIET468	Dietetics Care 2	12	Spring
MEDI355	Nutrition and Food Innovation	6	Spring
DIET466	Food Service Dietetics	6	Spring
Year 4			
MEDI369	Nutrition in Practice	6	Annual, Autumn
DIET461	Dietetics Research Project	18	DIET Annual
DIET454	Practical Studies in Nutrition and Dietetics	24	DIET Annual

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

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2018 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) | 2018

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)
Year 1			
Autumn			
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
MEDI100	Human Structure and Function	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 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
Plus ONE subject from the following list:			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2018/2019
SOC 103	Introduction to Sociology	6	Autumn
INDS150	Introduction to Indigenous Australia	6	Autumn
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Spring
Plus ONE subject from the following list:			
CHEM102	Chemistry IB: 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
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn

MEDI231	Measurement of diet and health promotion	6	Autumn
Spring			
STAT251	Fundamentals of Biostatistics	6	Spring
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
MEDI251	Nutritional Epidemiology	6	Spring
MEDI213	Nutritional Physiology	6	Spring
Year 3			
Autumn			
MEDI362	Research in Human Nutrition	6	Autumn
DIET467	Dietetics Care 1	12	Autumn
MEDI363	Community and Public Health Nutrition	6	Autumn
MEDI369	Nutrition in Practice	6	Annual, Autumn
Spring			
DIET468	Dietetics Care 2	12	Spring
DIET466	Food Service Dietetics	6	Spring
Year 4			
DIET460	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

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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 | 2018

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)
Year 1			
Autumn			
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
MEDI100	Human Structure and Function	6	Autumn
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 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
Plus ONE subject from the following list:			
INDS150	Introduction to Indigenous Australia	6	Autumn
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2020/2021

SOC103	Introduction to Sociology	6	Autumn
Or other subject that has been approved by the Course Coordinator.			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Autumn
Plus 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
Year 2			
Autumn			
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
Spring			
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
Year 3			
Autumn			
MEDI369	Nutrition in Practice	6	Annual, Autumn
MEDI362	Research in Human Nutrition	6	Autumn
MEDI363	Community and Public Health Nutrition	6	Autumn
Plus 6 credit points selected from the General Schedule or Science Schedule			
Spring			
MEDI355	Nutrition and Food Innovation	6	Spring
Plus, 18 credit points of electives selected from the General Schedule, the Science Schedule or from the list below			
A maximum of 60 credit points of 100 level subjects are undertaken as credit within the degree			
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

Last reviewed: 9 December, 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 Performance | 2018

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 performing arts offers a wide variety of roles and occupations from acting, singing and directing to production, lighting, sound, stage management and set 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.

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.

Subjects will cover traditional interpretive actor training, developing your skills in acting, voice, singing and movement, and also focus on devised works for theatre and contemporary performance. You will study theatre-making with an emphasis on collaboration and ensemble practice. Subjects also cover the history and theory of theatre and professional 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 [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:

Subject Code	Subject Name	Credit Points
First Year		
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
Plus 12 credit points of electives		
Second Year		
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
CAPF232	Contemporary Australian Theatre and its Context	6

Third Year		
CAC301	Professional Practice	6
CAPF301	Performance Skills 5: Acting, Movement, Singing, Voice	6
CAPF311	Performance Production 3	6
CAPF315	Scene-work 3	6
CAPF316	Scene-work 4	6
CAPF390	Major Performance Production	12
Plus:		
CAPF331	Theory and Practice of Theatre in the 20th and 21st Century	6
or		
CAPF333	Theatre, Politics and Spectatorship	6

Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Performance.

Timetables

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 (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.

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

Further information is available via email: lha-enquiries@uow.edu.au

Last reviewed: 24 November, 2017

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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) | 2018

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 is an intensive, specialist course that develops students as self-reliant, highly-skilled performing artists through a strong, practice-based program. The Dean's Scholar Program is designed for high achieving students to complete the Bachelor of Performance degree.

Dean's Scholars Degrees

Dean's Scholar students benefit from:

- A textbook/materials allowance;
- Access to postgraduate events, seminars and workshops, where appropriate;
- Extended internet quota;
- Extended library access;
- Opportunity for internships and/or self-directed study/special projects.

To qualify for the award of Dean's Scholar, students must complete the course requirements specified for the Bachelor of Performance. Dean's Scholars must also maintain an average of 75% in each year of study to remain in the program. 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 the award of this degree, students must complete 144 credit points as follows:

Subject Code	Subject Name	Credit Points
First Year		
CACS101	Contemporary Creative Practice	6
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	6
CAPF111	Stagecraft 1	6
CACS102	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
Plus 6 credit points of electives		
Second Year		
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
Third Year		
CAPF301	Performance Skills 5: Acting, Movement, Singing, Voice	6
CAPF311	Performance Production 3	6
CAPF315	Scene-work 3	6
CAPF316	Scene-work 4	6
CAPF390	Major Performance Production	12
CAC332	Dean's Scholars Contemporary Theory and Research Practice	6
Plus either:		
CAPF331	Theory and Practice of Theatre in the 20th and 21st Century	6
or		
CAPF333	Political Dramaturgy	6

The course requirements for the Bachelor of Performance (Dean's Scholar) degree are the same as the Bachelor of Performance:

- No more than 60 credit points at 100 level can be counted towards the Bachelor of Performance degree.
- Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Performance

Timetables

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 (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.

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 [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.

Other Information

The Faculty may impose quotas on subjects to ensure optimal class sizes.

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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 (BPPE) is specifically designed to provide high level training and skills necessary for a successful career in the public service or politics.

A cross-disciplinary degree, the BPPE affords students an appreciation of the political, ethical and economic perspectives needed to make a contribution to solving a range of problems confronting contemporary society. In particular, students will learn to interpret and apply complex economic ideas and data, understand political organisations and policy making processes, and develop a broader philosophical lens for understanding systems of government, popular movements and alternative forms of political organisation and behaviour.

Students will develop a broad knowledge base across all three discipline areas by studying core and elective subjects. They will deepen their knowledge in at least one of these areas through a major field of study. A BPPE capstone subject allows students to bring the key concepts from all three disciplines together into a coherent whole through in-depth exploration of contemporary political and social 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 the award of the degree of Bachelor of Politics, Philosophy and Economics a student must complete a total of at least 144 credit points from subjects listed in the Course Structure for the degree and other subjects as approved by the Faculty as outlined in the table below.

Students must complete:	Credit Points
The core requirements of the Bachelor of Politics, Philosophy and Economics (outlined below)	90
Subjects to complete at least one of the three majors in this degree: Politics, Philosophy or Economics (outlined below)	24
Additional credit points of electives from the general schedule to bring the total number of credit points completed to 144	30
Total	144

Core

Subject Code	Subject Name	Credit Points
Core		
COMM121	Statistics for Business	6
PPE 300	Politics, Philosophy and Economics Applied Research Project	12
Politics Core Requirements:		
POL 150	Government, Power and Political Systems	6

POL 201	Key Concepts and Thinkers in Political Theory	6
POL 221	Australian Politics	6
POL 304	Power and the State	6
Philosophy Core Requirements:		
PHIL107	Introduction to Philosophy	6
PHIL319	Political Philosophy: Justice, Equality and Rights	6
Plus TWO from the following:		
PHIL226	Global Ethics	6
PHIL219	Knowledge, Science and Understanding	6
PHIL228	Theories of Emotion and Imagination	6
PHIL304	Great Thinkers	6
PHIL318	Narratives in Mind, Self and Psychosis	6
Economics Core Requirements:		
ECON100	Economic Essentials for Business	6
ECON102	Economics and Society	6
ECON305	Economic Policy	6
Plus ONE from the following:		
ECON205	Macroeconomic Theory and Policy	6
ECON215	Microeconomic Theory and Policy	6

Politics

The discipline of Politics is an exciting, vibrant and constantly changing body of ideas, approaches and methods. The Politics program offers subjects in international relations, Australian politics, political theory, comparative politics, the politics of developing countries, public policy, culture and media. Students are advised to study as broadly as possible across the areas offered by the discipline.

The purpose of the major is to acquaint students with key areas of Politics as a discipline. Political study involves examining the origins and nature of consent, authority, and consensus, which underpin social order. Many factors are covered in this examination; political institutions, political economy, culture, class, gender and ethnicity. Politics can and does occur at many levels, from international relations to the nation state, from local communities to the individual. The study of politics is not just to do with politics in the here and now, but 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, politics engages us with choices about how to live life and how best to contribute to society.

Major Study

To qualify for a major study in Politics, students must complete the core requirements for Politics (24 credit points) within the BPPE and then a further 24 credit points of 200 and 300 level subjects. Subjects are to be selected from the list below, with a minimum of 12 credit points at 300 level.

Subject Code	Subject Name	Credit Points
Politics Electives		
POL 202	Politics in the USA	6
POL 204	Politics and the Media	6
POL 345	Politics Internship	6
POL 346	Australian National Internship Program	12
POL 347	UNI-Capitol Washington Internship Program	12
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
Students may include a maximum of TWO electives from the following:		
INTS121	Global Politics and Power	6
INTS200	Model United Nations	6
INTS204	Global Aid and Development: Challenges and Prospects	6
INTS207	Conflict, Peace & Security	6
STS 302	Climate Change Policy, Possible Futures	6

Philosophy

Philosophy engages with the most fundamental questions, and puts you into dialogue with the greatest thinkers who have ever tried to answer them. It asks: What is the good life? Is Happiness the main goal of life? How should we treat others and the environment? What makes an action morally good? How should we understand human existence? Do our lives have meaning? How does consciousness fit in nature? What is knowledge? Can we know anything with certainty? Does science aim at truth? What is life? Is artificial life possible? What is social justice? Which rights matter in a fair society? Should the rich help the poor?

By studying philosophy you will improve your analytic reasoning skills, broaden and deepen your understanding of foundational topics, and learn how to respect and value diverse points of view. You will acquire skills in independent thinking and gain experience in analysing and carefully assessing arguments and ideas. These are highly marketable graduate qualities, sought after by employers.

Major areas of study at UOW include: ethics; phenomenology and existentialism; metaphysics; philosophy of mind; philosophy of language; philosophy of science; political philosophy and theory of knowledge.

Major Study

For a major study in Philosophy, students must complete the core requirements for Philosophy (24 credit points) plus an additional 24 credit points of 200 and 300 level subjects. Subjects are to be selected from the table below, and the following conditions are to be met.

Conditions:

Students electing to do a major in Philosophy must complete [PHIL107](#) (Introduction to Philosophy), [PHIL218](#) (Ethics: Good, Bad and Evil), [PHIL219](#) (Knowledge, Science and Understanding) and [PHIL304](#) (Great Thinkers).

Students may have completed [PHIL219](#) (Knowledge, Science and Understanding) and/or [PHIL304](#) (Great Thinkers) under the core requirements for BPPE for Philosophy. Students who have not completed either or both of these subjects under the core requirements for BPPE for Philosophy will need to complete the subject(s) they have not yet undertaken as part of their major.

To meet major requirements, students must complete 24 credit points at 300 level.

Subject Code	Subject Name	Credit Points
Philosophy Electives		
PHIL218	Ethics: Good, Bad and Evil	6
PHIL227	The Meaning of Life: Absurdity and Existence	6
PHIL234	Mind, Body and World	6
PHIL235	International Studies in Philosophy	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
PHIL320	Philosophy of Health and Happiness	6
PHIL326	Bioethics	6

Economics

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.

Major Study

Students electing to do a major in Economics must complete [ECON205](#) (Macroeconomic Theory and Policy) and [ECON215](#) (Microeconomic Theory and Policy). Students will have completed either [ECON205](#) or [ECON215](#) as part of the core requirements for BPPE for Economics. As a requirement of the major, they will need to complete the subject they have not yet undertaken.

Students must complete a further 24 credit points of 200 and 300 level Economics subjects as listed below.

Subject Code	Subject Name	Credit Points
Choose ONE from the following (not already taken):		
ECON205	Macroeconomic Theory and Policy	6
ECON215	Microeconomic Theory and Policy	6
Plus ONE from the following:		
ECON222	Mathematics for Business	6
ECON339	Applied Financial Modelling	6
Plus ONE from the following:		
ECON316	History of Economic Thought	6
ECON304	The Historical Foundations of the Modern Australian Economy	6

Plus a further 6cp 300-level Economics subject

Timetables

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 (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.

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](#) (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.

Dean's Scholar Degree

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the [Bachelor of Politics, Philosophy and Economics \(Dean's Scholar\)](#) Degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of Politics, Philosophy and Economics (Dean's Scholar) Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BPPE, BA (Course Code 702) or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 82.

For more information including the full list of Dean's Scholar Degrees and how to apply online, visit the LHA Dean's Scholar website.

Honours

See [Bachelor of Politics, Philosophy and Economics \(Honours\)](#). 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

Last reviewed: 6 February, 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 Politics, Philosophy and Economics (Dean's Scholar) | 2018

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

The Dean's Scholar degree provides an academic space for high-achieving single degree Bachelor of Politics, Philosophy and Economics students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study. The course culminates in a year 3 Dean's Scholar subject designed to bring all three strands together in a substantial research project.

Dean's Scholar Degrees

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

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'sScholars Politics, Phil and Econ Applied Research Project;
- Opportunities to attend academic and higher degree research workshops and seminars.

The Heads of Students of the Faculty of Law, Humanities and the Arts (LHA) oversee the program and have regular meetings with the scholars. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

To qualify for the award of Dean's Scholar, students must complete the course requirements for the Bachelor of Politics, Philosophy and Economics (BPPE). Dean's Scholars must also maintain an average of 75% in each year of study to remain in the program. If the student's average falls below 75%, the student will be transferred to the Bachelor of Politics, Philosophy and Economics degree.

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.

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 outlined below (90 credit points outlined below)
2. At least one of the three majors (Politics, Philosophy, or Economics) (48 credit points outlined below)
3. Electives from the general schedule to bring the total number of credit points completed to 144.

Subject	Subject Name	Credit
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Code		Points
BPPE Core:		
COMM121	Statistics for Business	6
PPE 302	Dean's Scholars Politics, Phil and Econ Applied Research Project	12

* 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.

Politics Major

The discipline of Politics is an exciting, vibrant and constantly changing body of ideas, approaches and methods. The Politics program offers subjects in international relations, Australian politics, political theory, comparative politics, the politics of developing countries, public policy, culture and media. Students are advised to study as broadly as possible across the areas offered by the discipline.

The purpose of the major is to acquaint students with key areas of Politics as a discipline. Political study involves examining the origins and nature of consent, authority, and consensus, which underpin social order. Many factors are covered in this examination; political institutions, political economy, culture, class, gender and ethnicity. Politics can and does occur at many levels, from international relations to the nation state, from local communities to the individual. The study of politics is not just to do with politics in the here and now, but 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, politics engages us with choices about how to live life and how best to contribute to society.

To qualify for a major study in Politics, students must complete 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Politics Core:		
POL 150	Government, Power and Political Systems	6
POL 201	Key Concepts and Thinkers in Political	6

	Theory	
POL 221	Australian Politics	6
POL 304	Power and the State	6
Plus a minimum of 24 credit points from the following. At least 12 credit points must be at 300 level.		
POL 202	Politics in the USA	6
POL 204	Politics and the Media	6
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
Students may include a maximum of TWO electives from the following:		
INTS121	Global Politics and Power	6
INTS200	Model United Nations	6
INTS204	Global Aid and Development: Challenges and Prospects	6
INTS207	Conflict, Peace & Security	6
STS 302	Climate Change Policy, Possible Futures	6

Philosophy Major

Philosophy engages with the most fundamental questions, and puts you into dialogue with the greatest thinkers who have ever tried to answer them. It asks: What is the good life? Is happiness the main goal of life? How should we treat others and the environment? What makes an action morally good? How should we understand human existence? Do our lives have meaning? How does consciousness fit in nature? What is knowledge? Can we know anything with certainty? Does science aim at truth? What is life? Is artificial life possible? What is social justice? Which rights matter in a fair society? Should the rich help the poor?

By studying philosophy you will improve your analytic reasoning skills, broaden and deepen your understanding of foundational topics, and learn how to respect and value diverse points of view. You will acquire skills in independent thinking and gain experience in analysing and carefully assessing arguments and ideas. These are highly marketable graduate qualities, sought after by employers.

Major areas of study at UOW include: ethics; phenomenology and existentialism; metaphysics; philosophy of mind; philosophy of language; philosophy of science; political philosophy and theory of knowledge.

For a major study in Philosophy, students must complete:

Subject Code	Subject Name	Credit Points
Philosophy Core:		
PHIL107	Introduction to Philosophy	6
PHIL218	Ethics: Good, Bad and Evil	6
PHIL219	Knowledge, Science and Understanding	6
PHIL319	Political Philosophy: Justice, Equality and Rights	6
Plus a minimum of THREE from the following. At least TWO must be at 300 level.		
PHIL226	Global Ethics	6
PHIL227	The Meaning of Life: Absurdity and Existence	6

PHIL234	Mind, Body and World	6
PHIL235	International Studies in Philosophy	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
PHIL318	Stories in Our Lives: Mind, Self and Psychosis	6
PHIL320	Philosophy of Health and Happiness	6
PHIL326	Bioethics	6

Economics Major

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.

For a major study in Economics, students must complete 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points	Session(s)
Economics Core:			
ECON100	Economic Essentials for Business	6	Autumn, Spring,

			Summer 2018/2019
ECON102	Economics and Society	6	Autumn, Spring
ECON305	Economic Policy	6	Spring
Plus ONE from the following:			
ECON205	Macroeconomic Theory and Policy	6	Autumn, Spring
ECON215	Microeconomic Theory and Policy	6	Autumn
Economics Major Study:			
Choose ONE from the following (not already taken):			
ECON205	Macroeconomic Theory and Policy	6	Autumn, Spring
ECON215	Microeconomic Theory and Policy	6	Autumn
Plus ONE from the following:			
ECON222	Mathematics for Business	6	Autumn, Spring
ECON339	Applied Financial Modelling	6	Spring
Plus ONE from the following:			
ECON316	History of Economic Thought	6	Not available in 2018
ECON304	The Historical Foundations of the Modern Australian Economy	6	Autumn
Plus a further 6cp 300-level Economics subject			

Timetables

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 (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.

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

Students seeking to pursue an Honours degree in Politics, Philosophy, and Economics should refer to the information on the BPPE (Honours) [Course Handbook Page](#).

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

Last reviewed: 11 August, 2020

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2018 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

The Bachelor of Politics, Philosophy, and Economics (Honours) consists of 50% coursework and 50% research work. The exact composition of the coursework depends on the discipline selected.

For Honours in Politics or Philosophy the coursework is divided into two subjects, each worth 12 credit points (LHA401: The Writer: Critic, Analyst, Voice, and a discipline related subject in Politics, or Philosophy). For Honours in Economics please see the Discipline Leader, Economics, by the end of your second year..

The research component takes the form of a research thesis (24 credit points) of at least 15,000 words completed under the supervision of an academic employed in the Faculty of Law, Humanities and the Arts. Co-supervision and cross-Faculty supervision may be arranged, with the approval of the Honours Coordinator for Humanities and Social Inquiry.

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 Politics, Philosophy, and Economics (Honours) will be able to:

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

Irrespective of the Honours program chosen, the program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Areas of Study

An Honours year for the Bachelor of Politics, Philosophy and Economics is

available in the following areas:

- Economics
- Philosophy
- Politics

Subject Code	Subject Name	Credit Points
Full-time student		
LHA 401	The Writer: Critic, Analyst, Voice	12
Discipline Specific Subject (12 credit points)*		12
LHA 480	Thesis	24
Part-time student		
LHA 401	The Writer: Critic, Analyst, Voice	12
Discipline Specific Subject (12 credit points)*		12
LHA 482	24cp Thesis (part-time component)	12
LHA 482	24cp Thesis (part-time component)	12
*Discipline Specific Subjects		
PHIL470	Philosophy Honours	12
PAIS470	Politics and International Studies Honours	12

For Honours in Economics, students will complete 12 credit points of discipline specific subjects at 400 level, to be determined in consultation with the Bachelor of Commerce Honours Coordinator.

Please contact the Business Faculty to discuss your study plan.

Timetables

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 of Wollongong web site for access to the [Code of Practice - Honours](#).

Grade of Honours

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.

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

Overview

Combining the Bachelor of Politics, Philosophy and Economics (BPPE) with the Bachelor of Laws allows students to examine issues of politics, philosophy and economics from a legal perspective. This degree provides high level training and skills necessary for students interested in pursuing successful careers in the public service, politics or as legal practitioners.

A cross-disciplinary degree, the BPPE affords students an appreciation of the political, ethical and economic perspectives needed to make a contribution to solving a range of problems confronting contemporary society. In particular, students will learn to interpret and apply complex economic ideas and data, understand political organisations and policy making processes, and develop a broader philosophical lens for understanding systems of government, popular movements and alternative forms of political organisation and behaviour.

Students will develop a broad knowledge base across all three discipline areas by studying core and elective subjects. They will deepen their knowledge in at least one of these areas through a major field of study. A BPPE capstone subject allows students to bring the key concepts from all three disciplines together into coherent whole through in-depth exploration of contemporary political and social 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

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 degree for a comprehensive list of degree course learning outcomes. Further information about the major learning outcomes for the BPPE is available under the relevant BPPE major page in the Undergraduate Course Handbook.

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:

- a. All compulsory Law subjects as set out in the Course Program below;
- b. Elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule – see [Bachelor of Laws \(Graduate Entry\)](#);
- c. The core requirements of the [Bachelor of Politics, Philosophy and Economics](#) (90 credit points);
- d. Sufficient subjects to complete at least one of the three majors in the [Bachelor of Politics, Philosophy and Economics](#) (24 Credit Points);
- e. 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.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
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		
Year 3		

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		
Year 4		
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		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Politics, Philosophy and Economics		

Timetables

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 not available in the Bachelor of Laws degree.

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 (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.

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](#) (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

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of Politics, Philosophy, and Economics

Students seeking to pursue an Honours degree in Politics, Philosophy, and Economics should refer to the information on the Bachelor of Politics, Philosophy, and Economics (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 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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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, Health Practice, Medical Science, Molecular Medicine or Nutrition.

Students can also select a [minor](#) from the General Schedule of such as 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, comprised of:

- 102 credit points of core subjects, including a largely common first year.
- 42 credit points of subjects leading either to a major or minor study, to be completed in second and third year

Please note:

- 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)
Year 1			
Autumn			
MEDI110			
MEDI111	Introduction to Anatomy and Physiology I	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, CHEM105 and CHEM106. Please note, CHEM106 is only offered in Summer Session.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
OR			
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus one subject from the following list;			
HAS 130	Social Determinants of Health	6	Autumn
INDS150	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
Or other subject approved by the Course Coordinator			
* PSYC101 is recommended for the Exercise Science and Nutrition majors.			
^ MATH187 is compulsory for the Medical Radiation Physics minor.			
Spring			
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
Select one of the following subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
OR			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2020/2021
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Plus one subject in Autumn session from the chosen major/minor			

Spring			
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring
BIOL215	Introductory Genetics	6	Spring
Plus two subjects in Spring session from the chosen major/minor			
Year 3			
Autumn			
CHEM358	Pharmacology	6	Autumn
MEDI381	Molecular Basis of Human Disease	6	Autumn
Plus two subjects in Autumn session from the chosen major/minor			
Spring			
BIOL341	Immunity and Infection	6	Spring
MEDI382	Nature and Nurture in Human Disease	6	Spring
Plus two subjects in Spring Session from the chosen major/minor			

Major Study Areas

- [Biomedical Research](#)
- [Exercise Science](#)
- [Health Practice](#)
- [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

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2018 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 | 2018

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, Learners with Exceptional Needs, 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](#) levels

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 a developing understanding of the complex multi-faceted role of the teacher and the learning environment.
2	Apply emerging skills in regards to problem solving, technology and planning for all learners; differentiation of pedagogical strategies and reflection on practice.
3	Demonstrate an understanding of the theory-practice nexus its role and theirs as the teacher as researcher.
4	Demonstrate a holistic understanding of the equity/inequity balance and

	social justice issues in Australian society.
5	Demonstrate the ability to manipulate mandatory documents that relate to pedagogy and 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. Students must have passed all core subjects in their degree 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
Year 1		
Autumn Session		
HAS 111	Essential Academic Skills	6
EDLL101	Language and Learning	6
EDMM101	Mathematics Foundations	6
PSYS150	Foundations of Human Development and Behaviour	6
Spring Session		
EDSC102	Science Content Knowledge for Educators	6
EDSO101	Education and Society	6
GEOG123	Indigenous Geographies: Questioning Country	6

Plus ONE of the following:		
EDPD100	Introduction to the Profession*	6
HAS 121	Human Development in Social Context	6
MATH132	Unlocking Mathematical Tools for Primary Educators	6
* This subject is only available to students who have three Band 5 scores in their HSC results, including one in English		
Year 2		
Autumn Session		
EDPD201	Professional Development 1: The Learning Environment	6
EDKL200	Language and Literacy 1: The Early Years	6
EDKM201	Mathematics Content and Pedagogy 1	6
EDTA201	The Arts in Education	6
Spring Session		
EDPD202	Professional Development: The Teacher as a Managing Professional	6
EDCM202	Classroom Management: Creating Positive Learning Environments	6
EDKG202	History and Geography in Primary Schools	6
EDKL202	Language and Literacy 2: Teaching Encoding & Decoding Skills	6
Year 3		
Autumn Session		
EDPD301	Professional Development: The Teacher as Researcher	6
EDSC301	K-6 Science and Technology: Curriculum and Pedagogy	6

EDKL301	Language and Literacy 3: The Later Primary Years	6
EDKP301	Personal Development, Health & Physical Education Content & Pedagogy	6
Spring Session		
EDFE302	Education Foundations: Cognition & Communication in the Classroom	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDAE302	Aboriginal Education	6
EDKM302	Mathematics Content and Pedagogy 2	6
Year 4		
Autumn Session		
EDPD401	Professional Development 3	6
EDLE401	Learners with Extra Support Needs	6
EDIC401	Effective use of ICT for Teaching & Learning	6
EDFE401	Educational Foundations: Sociology and Cultural Studies of Education	6
Spring Session		
EDPD402	Professional Development 4	12
Plus TWO 6 credit point subjects selected from the School of Education electives		12

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. Students seeking work outside NSW or Australia are advised to check with potential employers and other teacher registration authorities for any additional requirements.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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2018 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 (Dean's Scholar) | 2018

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 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, Learners with Exceptional Needs, 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 the ability to manipulate academic literature and mandatory documents that relate to research, pedagogy and policy.
2	Demonstrate the ability to participate in guided and self-directed enrichment activities on campus, in school and in community settings.

3	Demonstrate a developing understanding of the complex multi-faceted role of the teacher and the learning environment.
4	Apply skills as an active professional who is articulate in regards to the theory-practice nexus its role and theirs as the teacher as researcher.
5	Apply emerging skills in regards to problem solving, technology and planning for all learners; differentiation of pedagogical strategies and reflection on practice.
6	Apply higher order thinking in relation to current and future educational challenges.
7	Demonstrate a holistic understanding of the equity/inequity balance and social justice issues in Australian society.

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. Students must have passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- e. 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
Year 1		
Autumn Session		
HAS 111	Essential Academic Skills	6
EDLL101	Language and Learning	6
EDMM101	Mathematics Foundations	6

PSYS150	Foundations of Human Development and Behaviour	6
Spring Session		
EDSC102	Science Content Knowledge for Educators	6
EDSO101	Education and Society	6
GEOG123	Indigenous Geographies: Questioning Country	6
EDER202	Dean's Scholars Project	6
Year 2		
Autumn Session		
EDPD201	Professional Development 1: The Learning Environment	6
EDKL200	Language and Literacy 1: The Early Years	6
EDKM201	Mathematics Content and Pedagogy 1	6
EDTA201	The Arts in Education	6
Spring Session		
EDPD202	Professional Development: The Teacher as a Managing Professional	6
EDCM202	Classroom Management: Creating Positive Learning Environments	6
EDKG202	History and Geography in Primary Schools	6
EDKL202	Language and Literacy 2: Teaching Encoding & Decoding Skills	6
Year 3		
Autumn Session		
EDPD301	Professional Development: The Teacher as Researcher	6
EDSC301	K-6 Science and Technology: Curriculum	6

	and Pedagogy	
EDKL301	Language and Literacy 3: The Later Primary Years	6
EDKP301	Personal Development, Health & Physical Education Content & Pedagogy	6
Spring Session		
EDFE302	Education Foundations: Cognition & Communication in the Classroom	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDAE302	Aboriginal Education	6
EDKM302	Mathematics Content and Pedagogy 2	6
Year 4		
Autumn Session		
EDPD401	Professional Development 3	6
EDLE401	Learners with Extra Support Needs	6
EDIC401	Effective use of ICT for Teaching & Learning	6
EDFE401	Educational Foundations: Sociology and Cultural Studies of Education	6
Spring Session		
EDPD402	Professional Development 4	12
Plus TWO 6 credit point subjects selected from the School of Education electives		12

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 595 hours or approximately 85 days of

compulsory work-based placements, completed over 25 weeks throughout the 4 year 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 nationally recognised as a 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.

All students completing a NSW teacher education course need to pass an approved literacy and numeracy test.

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

Further information is available at:

[Faculty Website](#)

Email: ssc@uow.edu.au

Last reviewed: 27 February, 2019

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2018 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) | 2018

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 Honours program is a reward and recognition program for 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 an understanding of the complex multi-faceted role of the teacher and the learning environment;
2	Apply skills in regards to leadership, problem solving, technology and planning for all learners; differentiation of pedagogical strategies and reflection on practice;
3	Demonstrate skills of an active professional who is articulate in regards to the theory-practice nexus its role and theirs as the teacher as researcher;
4	Demonstrate and apply higher order thinking in relation to current and future educational challenges;
5	Demonstrate the ability to manipulate academic literature and mandatory documents that relate to research, pedagogy and policy;
6	Demonstrate an understanding of the available research methodologies and their manipulation to design and implement a research project;
7	Demonstrate and apply ethical and responsible behaviour;
8	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; and
9	Demonstrate the ability to coherently communicate to a variety of audiences the research findings.

Course Structure

The Honours program is the fourth year of study in the Bachelor of Primary Education or Bachelor of Primary Education (Dean's Scholar). Honours students complete a 12 credit point thesis (EDPT412) plus additional coursework as listed below.

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. Students must have passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.
- d. The Honours grade will be calculated using Method 2. For further information refer to the General Course Rules.

Subject Code	Subject Name	Credit Points
Year 1		
Autumn Session		
HAS 111	Essential Academic Skills	6
EDLL101	Language and Learning	6
EDMM101	Mathematics Foundations	6
PSYS150	Foundations of Human Development and Behaviour	6
Spring Session		
EDSC102	Science Content Knowledge for Educators	6
EDSO101	Education and Society	6
GEOG123	Indigenous Geographies: Questioning Country	6
Plus ONE of the following:		

EDPD100	Introduction to the Profession*	6
HAS 121	Human Development in Social Context	6
MATH132	Unlocking Mathematical Tools for Primary Educators	6
EDER202	Dean's Scholars Project**	6
* This subject is only available to students who have three Band 5 scores in their HSC results, including one in English		
** This subject is only available to students enrolled in the Dean's Scholar degree		
Year 2		
Autumn Session		
EDPD201	Professional Development 1: The Learning Environment	6
EDKL200	Language and Literacy 1: The Early Years	6
EDKM201	Mathematics Content and Pedagogy 1	6
EDTA201	The Arts in Education	6
Spring Session		
EDPD202	Professional Development: The Teacher as a Managing Professional	6
EDCM202	Classroom Management: Creating Positive Learning Environments	6
EDKG202	History and Geography in Primary Schools	6
EDKL202	Language and Literacy 2: Teaching Encoding & Decoding Skills	6
Year 3		
Autumn Session		
EDPD301	Professional Development: The Teacher as Researcher	6

EDSC301	K-6 Science and Technology: Curriculum and Pedagogy	6
EDKL301	Language and Literacy 3: The Later Primary Years	6
EDKP301	Personal Development, Health & Physical Education Content & Pedagogy	6
Spring Session		
EDFE302	Education Foundations: Cognition & Communication in the Classroom	6
EDLD302	Teaching Culturally and Linguistically Diverse Students	6
EDAE302	Aboriginal Education	6
EDKM302	Mathematics Content and Pedagogy 2	6
Year 4		
Annual Session		
EDPT412	Primary Honours Research and Thesis	12
Autumn Session		
EDPD401	Professional Development 3	6
EDLE401	Learners with Extra Support Needs	6
EDIC401	Effective use of ICT for Teaching & Learning	6
EDFE401	Educational Foundations: Sociology and Cultural Studies of Education	6
Spring Session		
EDPD402	Professional Development 4	12

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 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 nationally recognised as a 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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

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2018 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 Psychological Science | 2018

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

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; and
2. At least one of either:
 - an additional 24 credit points of Psychology subjects for [honours eligibility](#); or
 - [minor](#) from the recommended list; or
 - [major](#) from the approved list; and
3. remaining elective credit points from the [General Schedule](#); and
4. No more than 60 credit points will be at 100-level.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
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>Plus 24 credit points of subjects that contribute to either a second major, a minor, and/or elective credit.</i>			
Year 2			
PSYC231	Personality	6	Autumn
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring

Plus 18 credit points of subjects that contribute to either a [second major](#), a [minor](#), [Honours eligibility](#), and/or [elective credit](#).

Year 3

PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
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*Select **THREE** from the following, including at least **ONE** of [PSYC327](#), [PSYC328](#) or [PSYC329](#) :*

PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC327	Advanced Topics in Cognition	6	Autumn First Offered 2019
PSYC330	Social Behaviour and Individual Differences	6	Autumn First Offered 2019
PSYC357	Forensic Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
PSYC328	Visual Perception	6	Spring First Offered 2019
PSYC329	Psychophysiology	6	Spring First Offered 2019
PSYC358	Applied Psychology	6	Spring First Offered 2019
PSYC359	Psychopharmacology	6	Spring First Offered 2019
PSYC360	Research Internship in Psychology	6	Spring First Offered 2019
PSYC361	Child Development	6	Spring First Offered 2019

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)
200-level subjects			
PSYC251	Psychology of Abnormality	6	Spring
300-level subjects			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
<i>And 24 credit points from the following, including at least one from PSYC327, PSYC328 or PSYC329 :</i>			
PSYC327	Advanced Topics in Cognition	6	Autumn First Offered 2019
PSYC330	Social Behaviour and Individual Differences	6	Autumn First Offered 2019
PSYC357	Forensic Psychology	6	Autumn First Offered 2019
PSYC328	Visual Perception	6	Spring First Offered 2019

PSYC329	Psychophysiology	6	Spring First Offered 2019
PSYC358	Applied Psychology	6	Spring First Offered 2019
PSYC359	Psychopharmacology	6	Spring First Offered 2019
PSYC360	Research Internship in Psychology	6	Spring First Offered 2019
PSYC361	Child Development	6	Spring First Offered 2019

Plus ONE 6 credit point subject that contributes to a minor or elective credit.

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:

- [Criminology](#)

- [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](#)

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

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)
MEDI100	Human Structure and Function	6	Autumn
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn

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

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2018 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 Psychological Science (Honours) | 2018

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)
PSYC410	Honours Empirical Thesis	24	Annual
PSYC407	Theory and Methods	8	Autumn
PSYC408	Psychological Assessment: Principles and Applications	8	Autumn
PSYC409	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

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2018 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 | 2018

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 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 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)
Year 1			
Psychology			
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
Commerce			
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 2018/2019
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2018/2019
Year 2*			
Psychology			
PSYC231	Personality	6	Autumn
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
Commerce			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2018/2019
<p>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.</p>			
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer

			2018/2019
ECON102	Economics and Society	6	Autumn, Spring
MGNT102	Business Communications	6	Autumn, Spring, Summer 2018/2019
OPS 113	Business Oriented Information Systems	6	Spring
Year 3*			
Psychology			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
<i>18 credit points of Psychology elective subjects at 300-level (refer to Bachelor of Psychological Science single degree for subject choices).</i>			
Commerce			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Year 4*			
Commerce			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Commerce capstone subject:			
COMM331	Integrative Business Capstone	6	Autumn, Spring
Electives			
<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 Bachelor of Psychological Science, Bachelor of Commerce or the General Schedule.</i>			

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

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2018 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 | 2018

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Psychological Science - Bachelor of Laws degree provides an opportunity for students to combine their interest in law with behavioural sciences.

For the first year of the double degree, students enrol in law subjects prescribed in the table listed below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law, Psychological Science and General schedules.

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:

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 Undergraduate 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 from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Law \(Graduate Entry\)](#);

- 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: Students in this degree are not required to take LHA 101.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
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
6 credit point elective from the Bachelor of Psychological Science or General Schedule		

Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
PSYC231	Personality	6
PSYC236	Cognition and Perception	6
PSYC250	Quantitative Methods in Psychology	6
1 LLB Elective		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
PSYC234	Biological Psychology and Learning	6
PSYC241	Developmental and Social Psychology	6
1 LLB Elective		
Year 5		
PSYC324	Assessment and Intervention	6
LLB3399	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		

Timetables

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 (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.

Honours

Law

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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.

Professional Recognition / Accreditation

Bachelor of 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](#).

Bachelor of 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.

Other Information

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 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)
Year 1			
Psychology Core			
PSYC120	Critical Thinking and Communication Skills in Psychology	6	Autumn
PSYC123	Research Methods and Statistics	6	Spring
Social Science Core			
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
Social Science major foundation or elective			
<p>Students are advised to begin their Social Science major if pre-requisites 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 HAS 202 in Year 1 instead of Year 2.</p>			
Year 2*			
Psychology Core			

PSYC121	Foundations of Psychology A	6	Autumn
PSYC122	Foundations of Psychology B	6	Spring
Social Science Core			
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
Social Science major			
<i>12 credit points from 200 level subjects contributing to the selected Social Science major.</i>			
Electives			
<i>And 6 credit points to contribute to the Social Science major and/or electives, from Social Science subjects or the General Schedule.</i>			
Year 3*			
Psychology Core			
PSYC231	Personality	6	Autumn
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
Social Science major			

12 credit points from subjects contributing to the selected [Social Science major](#).

Electives

And 6 credit points to contribute to the [Social Science major](#) and/or electives, from [Social Science subjects](#) or the [General Schedule](#).

Year 4*

Psychology Core

PSYC324	Assessment and Intervention	6	Autumn
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Plus 18 credit points of Psychology subjects at 300-level (refer to [Bachelor of Psychological Science](#) single degree for subject choices).

Social Science major

18 credit points to contribute to the [Social Science major](#) and/or electives, from [Social Science subjects](#) or the [General Schedule](#).

Year 5*

Electives

24 credit points to contribute to the [Social Science major](#) and/or electives, from [Social Science subjects](#) 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.*

^ 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.

Accreditation is currently being sought for the double degree.

Other Information

For further information email: ssc@uow.edu.au

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2018 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) | 2018

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 tables 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)
Year 1			
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 General Schedule.*</i>			
Year 2			
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
PSYC251	Psychology of Abnormality	6	Autumn
<i>Plus ONE 6 credit point subject selected from the Faculty of Social Sciences or General Schedule.*</i>			
PSYC231	Personality	6	Spring
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
<i>Plus ONE 6 credit point subject selected from the Faculty of Social Sciences or General Schedule.*</i>			
Year 3			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019

PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
<i>Select 30 credit points from the following, including at least ONE of PSYC327 , PSYC328 or PSYC329 .</i>			
PSYC327	Advanced Topics in Cognition	6	Autumn First Offered 2019
PSYC330	Social Behaviour and Individual Differences	6	Autumn First Offered 2019
PSYC357	Forensic Psychology	6	Autumn First Offered 2019
PSYC328	Visual Perception	6	Spring First Offered 2019
PSYC329	Psychophysiology	6	Spring First Offered 2019
PSYC358	Applied Psychology	6	Spring First Offered 2019
PSYC359	Psychopharmacology	6	Spring First Offered 2019
PSYC360	Research Internship in Psychology	6	Spring First Offered 2019
PSYC361	Child Development	6	Spring First Offered 2019

* 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:

- a. Completed all 144 credit points outlined in 100-level to 300-level course program above; and
- b. 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)
Year 4			
PSYC410	Honours Empirical Thesis	24	Annual
PSYC415	Honours Data Analysis	6	Autumn First Offered 2020
PSYC416	Psychological Assessment: Principles and Applications	6	Autumn First Offered 2020
PSYC418	Honours Theory	6	Autumn First Offered 2020
PSYC417	Psychological Intervention: Principles and Applications	6	Spring First Offered 2020

Candidates intending to complete Honours as part-time students will generally do [PSYC415](#), [PSYC416](#), [PSYC417](#) and [PSYC418](#) 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

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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) - Bachelor of Commerce | 2018

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.
6	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)
Year 1			

Psychology				
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
Commerce*				
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 2018/2019
MGNT110	Introduction to Management	6		Autumn, Spring, Summer 2018/2019
Year 2				
Psychology				
PSYC231	Personality	6		Autumn
PSYC234	Biological Psychology and Learning	6		Autumn
PSYC250	Quantitative Methods in Psychology	6		Autumn
PSYC236	Cognition and Perception	6		Spring

PSYC241	Developmental and Social Psychology	6	Spring
PSYC251	Psychology of Abnormality	6	Spring
Commerce*			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2018/2019
Year 3			
Psychology			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
<i>One 6 credit point Psychology subject at 300-level: refer to Bachelor of Psychology (Honours) single degree for subject choices.</i>			
Commerce*			
<i>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.</i>			
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2018/2019
ECON102	Economics and Society	6	Autumn, Spring

MGNT102	Business Communications	6	Autumn, Spring, Summer 2018/2019
OPS 113	Business Oriented Information Systems	6	Spring
<i>Plus 12 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Science electives			
<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
Year 4			
Psychology			
<i>24 credit points of Psychology subjects at 300-level: refer to Bachelor of Psychology (Honours) single degree for subject choices.</i>			
Commerce			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Year 5			
Psychology Honours			
<i>48 credit points as per course structure for 400-level Psychology Honours.**</i>			
Year 6			

Commerce

12 credit points of Commerce subjects as required for the selected [Commerce major](#).

Commerce capstone subject:

COMM331	Integrative Business Capstone	6	Autumn, Spring
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Electives

6 credit points of elective subjects chosen from the [Bachelor of Psychology \(Honours\)](#), [Bachelor of Commerce](#) or the [General Schedule](#).

* 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 Code	subject Name	Credit Points	Session(s)
Year 4			

PSYC410	Honours Empirical Thesis	24	Annual
PSYC415	Honours Data Analysis	6	Autumn First Offered 2020
PSYC416	Psychological Assessment: Principles and Applications	6	Autumn First Offered 2020
PSYC418	Honours Theory	6	Autumn First Offered 2020
PSYC417	Psychological Intervention: Principles and Applications	6	Spring First Offered 2020

Candidates intending to complete Psychology Honours as part-time students will generally do [PSYC415](#), [PSYC416](#), [PSYC417](#) and [PSYC418](#) 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

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2018 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 Public Health | 2018

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
Year 1		
Autumn session		
HAS 130	Social Determinants of Health	6
HAS 125	Public Health Achievements and Challenges	6
HAS 111	Essential Academic Skills	6
HAS 115	Chronic Disease Prevention and Control	6
Spring session		
HAS 135	Global Health Perspectives on	6

	Infectious Diseases	
HAS 234	Research Methods in the Social Sciences	6
HAS 251 *	Introduction to Epidemiology	6
* Only for students undertaking the Social Epidemiology major. All other students should complete HAS 251 in Year 2 Spring session.		
Year 2		
Autumn session		
HAS 231	Promoting the Public's Health	6
Spring session		
HAS 205	Quantitative Research Design and Analysis	6
HAS 251 *	Introduction to Epidemiology	6
* Only for students undertaking Food and Society, or Health Promotion as a major.		
Year 3		
Autumn session		
GEOG336	Qualitative Research Design for Social Scientists	6
Spring session		
HAS 347 **	Social Sciences Project	6
HAS 350	Social Determinants of Indigenous Health	6
** 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 HAS 380 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 program 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

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2018 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) | 2018

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
Year 1		

Autumn session		
HAS 130	Social Determinants of Health	6
HAS 125	Public Health Achievements and Challenges	6
HAS 111	Essential Academic Skills	6
HAS 115	Chronic Disease Prevention and Control	6
Spring session		
HAS 135	Global Health Perspectives on Infectious Diseases	6
HAS 234	Research Methods in the Social Sciences	6
HAS 233	Leadership, Scholarship and Social Change	6
HAS 251 *	Introduction to Epidemiology	6
<p><i>* Only for students undertaking the Social Epidemiology major. All other students should complete HAS 251 in Year 2 Spring session.</i></p>		
Year 2		
Autumn session		
HAS 231	Promoting the Public's Health	6
Spring session		
HAS 205	Quantitative Research Design and Analysis	6
HAS 251 *	Introduction to Epidemiology	6
<p><i>* Only for students undertaking Food and Society, or Health Promotion as a major.</i></p>		
Year 3		
Autumn session		

GEOG336	Qualitative Research Design for Social Scientists	6
Spring session		
HAS 347 **	Social Sciences Project	6
HAS 350	Social Determinants of Indigenous Health	6
<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 HAS 380 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.</i></p>		

For information regarding timetables, tutorials, and classes please the 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

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2018 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) | 2018

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
Full-time Year 1		
HAS 400	Honours	48
Part-time Year 1		

HAS 402	Honours Part 1 (Part-time Students)	24
Part-time Year 2		
HAS 403	Honours Part 2 (Part-time Students)	24

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

Other Information

For further information email: 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 Nutrition | 2018

Note: This course is not available for new enrolments in 2018.

Testamur Title of Degree:	Bachelor of Public Health Nutrition
Abbreviation:	BPubHlthNutr
UOW Course Code:	1846
CRICOS Code:	069585M
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

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

Last reviewed: 28 August, 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 Public Health Nutrition (Honours) | 2018

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
Honours Year		
HAS 400	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

Last reviewed: 24 November, 2017

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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 | 2018

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

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: 22 November, 2017

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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 | 2018

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, Nuclear Science and Technology, or Photonics (Suspended for 2018) 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 Land 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 2018 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: 7 August, 2018

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Bachelor of Science (Honours) Options | 2018

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

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Bachelor of Science (Honours) (Dean's Scholar) Options | 2018

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 Land Heritage Management.

Course Code: 1876

Last reviewed: 15 March, 2017

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Bachelor of Science - Bachelor of Arts Options | 2017

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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Bachelor of Science - Bachelor of Commerce Options | 2018

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: 15 March, 2017

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Bachelor of Science - Bachelor of Laws | 2018

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

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Science - Bachelor of Laws degree provides opportunities for students to combine their knowledge of law with scientific disciplines in addressing real-world 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

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 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 handbook pages in the [Undergraduate Course Handbook](#) 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:

Students who enrol in the Bachelor of Science - Bachelor of Laws, must complete each of the following:

- a. all compulsory Law subjects as set out in the Course Program below;
- b. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#);
- c. 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
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Faculty of Science, Medicine and Health		
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
1 LLB Elective		

Subjects from the Faculty of Science, Medicine and Health		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3302	Law of Business Organisations	6
LLB3301	Evidence	6
1 LLB Elective		
Subjects from the Faculty of Science, Medicine and Health		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Faculty of Science, Medicine and Health		

Timetables

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 (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.

Majors

Majors are not available in the Bachelor of Laws degree.

Refer to the Faculty of Science, Medicine and Health for majors available in the [Bachelor of Science](#) degree.

Honours

Bachelor of Laws (Honours)

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of Science (Honours)

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 separate entry for the [Bachelor of Science \(Honours\)](#).

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

Further information is available via email: lha-enquiries@uow.edu.au or smah-students@uow.edu.au

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Bachelor of Science Advanced (Honours) | 2018

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

Physics) 757609

Wollongong / B Sc Adv (Hon) (Physics) 757602

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 or [Academic Program Director](#)

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Bachelor of Science Education | 2018

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 demonstrate:

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 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.

In addition to the course work requirements, students are required to complete 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. Alternative arrangements are only possible with permission from the Academic Program Director and Head of Students.

Students must have passed all core subjects in their degree and be enrolled in any annual and final semester core subjects to be eligible for their final Professional Experience.

A maximum of 60 credit points at 100 level will count towards the degree.

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	Subject Name	Credit	Session(s)
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Code		Points	
Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
Plus ONE of the following*:			
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 select CHEM104 .			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
SCED101	Conceptions of Science	6	Spring
Plus ONE of the following**:			
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 select CHEM105 . Students who complete CHEM104 and CHEM105 may also be required to complete CHEM106 in Summer session if they intend to undertake additional 200-300 level chemistry subjects.			

Plus ONE of the following:			
EESC102	Earth's Interconnected Spheres	6	Spring
SCIE103	Climate Change	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
<p>***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.</p>			
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDAE302	Aboriginal Education	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
Year 3			
Autumn			

EDPS222	Teachers as Communicators	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
Spring			
BIOL215	Introductory Genetics	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Year 4			
Autumn			
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring

		First Offered 2019
Plus ONE seven week intensive 6 credit point elective subject from the School of Education.		

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)
Year 1			
Autumn			
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*:			
CHEM101	Chemistry 1A: 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 select CHEM104 .			
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
MATH187	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			
SCED101	Conceptions of Science	6	Spring
Plus ONE of the following**:			
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 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:			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
Plus ONE of the following:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring

EDAE302	Aboriginal Education	6	Spring
Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus 6 credit points at 200 level from the Biology, Physics or Earth and Environmental Science schedule.			
Year 4			
Autumn			
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
Plus THREE subjects selected from the following:			
CHEM324	Instrumental Analysis	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn

CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2018/2019
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered 2019
Plus ONE 7 week intensive 6 credit point elective subject from the School of Education.			

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)
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Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
EESC101	Planet Earth	6	Autumn
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
MATH187	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 .			
Plus one of the following*:			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
*Note: The subject selected in Autumn will determine the subject you select in Spring session. Students who select PHYS141 in Autumn will be required to select PHYS142 in Spring session. Students who wish to complete one of the CHEM subjects must select CHEM101 if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select CHEM104 .			
Spring			
EESC102	Earth's Interconnected Spheres	6	Spring
SCED101	Conceptions of Science	6	Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
Plus ONE of the following**:			

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
<p>**Note: Students who completed PHYS141 in Autumn session are required to select PHYS142 . Students who wish to complete one 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 .</p>			
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC203	Biogeography and Environmental Change	6	Autumn
Plus ONE of the following:			
PHYS233	Introduction to Environmental Physics	6	Autumn
CHEM215	Food Chemistry	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
EDAE302	Aboriginal Education	6	Spring

Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Plus 6 credit points at 200 or 300 level from the General Schedule.			
Year 4			
Autumn			
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
EESC328	Dung, Death and Decay: Modern	6	Autumn

	scientific methods in archaeology		
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
Plus 6 credit points at 200 or 300 level from the Faculty of Social Sciences.			
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered 2019
Plus ONE seven week intensive 6 credit point elective subject from the School of Education.			

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	Subject Name	Credit	Session(s)
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Code		Points	
Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
Plus ONE of the following:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
EESC101	Planet Earth	6	Autumn
Spring			
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
Year 2			
Autumn			

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
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
EDAE302	Aboriginal Education	6	Spring
Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
MATH202	Differential Equations 2	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			

PHYS255	Radiation Physics	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 4			
Autumn			
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered in 2019
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
Plus ONE of the following:			
PHYS306	Project in Physics	6	Autumn, Spring
PHYS335	Classical Mechanics	6	Not available in 2018
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered in 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered in 2019
Plus ONE seven week intensive 6 credit point elective subject from the School of Education.			

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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

Last reviewed: 9 March, 2018

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2018 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) | 2018

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 demonstrate:

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 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.

In addition to the course work requirements, students are required to complete 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 passed all core subjects in their degree 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.

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.

A maximum of 60 credit points at 100 level will count towards the degree.

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)
Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
Plus ONE of the following*:			
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 select CHEM104 .			
Spring			

BIOL103	Molecules, Cells and Organisms	6	Spring
SCED101	Conceptions of Science	6	Spring
Plus ONE of the following**:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	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 CHEM102 . All other students must select CHEM105 . Students who complete CHEM104 and CHEM105 may also be required to complete CHEM106 in Summer session if they intend to undertake additional 200-300 level chemistry subjects.</p>			
Plus ONE of the following:			
EESC102	Earth's Interconnected Spheres	6	Spring
SCIE103	Climate Change	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
BIOL240	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

EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDAE302	Aboriginal Education	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring

Year 3

Autumn

EDPS222	Teachers as Communicators	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

Spring

BIOL215	Introductory Genetics	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring

Year 4

Autumn

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EDER202	Dean's Scholars Project	6	Autumn
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered 2019

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)
Year 1			
Autumn			
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*:			
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 select CHEM104 .			
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
MATH187	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			
SCED101	Conceptions of Science	6	Spring
Plus ONE of the following**:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	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 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.</p>			
Plus TWO of the following:			
BIOL103	Molecules, Cells and Organisms	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
Plus ONE of the following:			

BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
EDAE302	Aboriginal Education	6	Spring
Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
EDLD302	Teaching Culturally and	6	Spring

	Linguistically Diverse Students		
Plus 6 credit points at 200 level from the Biology, Physics or Earth and Environmental Science schedule.			
Year 4			
Autumn			
EDER202	Dean's Scholars Project	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
Plus THREE subjects selected from the following:			
CHEM324	Instrumental Analysis	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2018/2019
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered 2019

For information regarding timetables, tutorials, and classes please the 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)
Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
EESC101	Planet Earth	6	Autumn
Plus ONE of the following***:			
MATH151	General Mathematics 1A	6	Autumn
MATH187	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 .			
Plus one of the following*:			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn

PHYS141	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 PHYS141 in Autumn will be required to select PHYS142 in Spring session. Students who wish to complete one of the CHEM subjects must select CHEM101 if they have achieved a mark of 65% or more in NSW HSC Chemistry or equivalent. All other students must select CHEM104.</p>			
Spring			
EESC102	Earth's Interconnected Spheres	6	Spring
SCED101	Conceptions of Science	6	Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
Plus ONE of the following**:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
<p>**Note: Students who completed PHYS141 in Autumn session are required to select PHYS142. Students who wish to complete one 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.</p>			
Year 2			
Autumn			
EDPS111	Education Foundations: Introduction to Teacher Education	6	Autumn
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC203	Biogeography and Environmental Change	6	Autumn

Plus ONE of the following:			
PHYS233	Introduction to Environmental Physics	6	Autumn
CHEM215	Food Chemistry	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
EDAE302	Aboriginal Education	6	Spring
Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
BIOL241	Biodiversity of Terrestrial	6	Spring

	Organisms		
CHEM214	Analytical and Environmental Chemistry	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Plus 6 credit points at 200 or 300 level from the General Schedule.			
Year 4			
Autumn			
EDER202	Dean's Scholars Project	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered 2019
EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
Plus 6 credit points at 200 or 300 level from the Faculty of Social Sciences.			
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered 2019

For information regarding timetables, tutorials, and classes please the 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)
Year 1			
Autumn			
PSYS150	Foundations of Human Development and Behaviour	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
Plus ONE of the following:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
EESC101	Planet Earth	6	Autumn
Spring			

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
Year 2			
Autumn			
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
Spring			
EDPS201	Quality Teaching and Learning in Secondary Education I	6	Spring
EDSS202	Science Pedagogy 1	6	Spring
EDPS302	Creating Positive Learning Environments	6	Spring
EDAE302	Aboriginal Education	6	Spring
Year 3			
Autumn			
EDPS222	Teachers as Communicators	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
Spring			
MATH202	Differential Equations 2	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
EDLD302	Teaching Culturally and Linguistically Diverse Students	6	Spring
Plus ONE of the following:			
PHYS255	Radiation Physics	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 4			
Autumn			
EDER202	Dean's Scholars Project	6	Autumn
EDPS401	Quality Teaching and Learning in Secondary Education III	6	Autumn First Offered in 2019
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
Plus ONE of the following:			
PHYS306	Project in Physics	6	Autumn, Spring
PHYS335	Classical Mechanics	6	Not available

			in 2018
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
Spring			
EDPS402	Leadership, Management & Professional Learning in Secondary Education	12	Spring First Offered in 2019
EDSS402	Science Pedagogy 2	6	Spring First Offered in 2019

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.

All students completing a NSW teacher education course will need to pass an approved literacy and numeracy test.

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

Last reviewed: 8 June, 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 Social Science | 2018

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 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 demonstrate:

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; 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.

No more than 60 credit points of 100 level subjects shall be completed.

Core subjects

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2018/2019
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
Year 2			
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
HAS 202 [^]	Introduction to Social Policy	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, 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.

[^] 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](#).

- [Criminology](#) (Wollongong)
- [Community, Culture & Environment](#) (Shoalhaven)
- [Food and Society](#)
- [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)
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring
HAS 201	Work Health & Safety	6	Spring
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 the 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 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

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2018 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 (Dean's Scholar) | 2018

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 demonstrate:

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)
Core subjects			

Year 1			
PSYC101	Introduction to Behavioural Science	6	Autumn, Summer 2018/2019
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
Year 2			
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
HAS 202 [^]	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, 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.

^ 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)
CRLP200	Career Ready Learning & Practice	6	Autumn, Spring
HAS 201	Work Health & Safety	6	Spring
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.

Honours

An Honours program will be available from Spring 2018. For further information refer to the [Bachelor of Social Science \(Honours\)](#).

Other Information

For further information please email: ssc@uow.edu.au

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2018 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) | 2018

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 demonstrate:

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
Criminology, Health Promotion, Public Health, Social Marketing, Social Policy		
Full-time Year 1		
HAS 400	Honours	48
Part-time Year 1		
HAS 402	Honours Part 1 (Part-time Students)	24
Part-time Year 2		
HAS 403	Honours Part 2 (Part-time Students)	24
Human Geography		
Full-time Year 1		
GEOG401	Human Geography Honours Full-time	48
Part-time Year 1		
GEOG404	Human Geography Honours Part 1 (Part-time Students)	24
Part-time Year 2		
GEOG405	Human Geography Honours Part 2 (Part-time Students)	24

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

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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) | 2018

Note: This course is not available for new enrolments in 2018.

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

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

Last reviewed: 20 October, 2017

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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 | 2018

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
Year 1		
Autumn		
PSYC101	Introduction to Behavioural Science	6
SOWK101	Introduction to Social Work	6
<i>Plus one of the following subjects:</i>		
GEOG121	Human Geography: Life in a Globalising World	6
SOC 103	Introduction to Sociology	6

POL 150	Government, Power and Political Systems	6
HAS 220	Becoming a Social Scientist: Interdisciplinary Competencies	6
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6
<i>Plus one of the following subjects:</i>		
AUST101	Australian Studies: Cultures and Identities	6
CST 120	Culture and Society	6
HAS 130	Social Determinants of Health	6
HAS 230	Contemporary Public Health Issues	6
INDS150	Introduction to Indigenous Australia	6
Or one 6 credit point subject from the General Schedule approved by the Academic Program Director		6
Spring		
HAS 121	Human Development in Social Context	6
PSYC123	Research Methods and Statistics	6
SOWK140	Working with Service Users and Carers	6
<i>Plus one 6 credit point subject selected from the following:</i>		
CST 130	Cultures in Context	6
HAS 202	Introduction to Social Policy	6
INDS130	Indigenous Knowledge in Global Contexts	6
GEOG122	Human Geography: Living in a Material World	6
HAS 131	Introducing Crime and Justice	6
One 6 credit point subject from the General Schedule approved by the Academic Program Director		6
Year 2		

Autumn		
HAS 200	Social Justice in a World of Inequality	6
SOWK237	Social Work and the Law	6
SOWK238	Approaches and Skills: Working with Individuals and Families I	6
SOWK235	Fields of Practice: Mental Health	6
Spring		
SOWK234	Welfare State and Human Services	6
HAS 234	Research Methods in the Social Sciences	6
SOWK236	Approaches and Skills: Group Work	6
SOWK241	Perspectives on Diversity	6
Year 3		
Autumn		
SOWK305	Social Work Ethics	6
SOWK310	Supervised Professional Practice I	18
Spring		
SOWK336	Approaches and Skills: Working with Individuals and Families II	6
SOWK337	Practice with Aboriginal and Torres Strait Islander Peoples	6
SOWK338	Fields of Practice: Children, Families, and their Well-being	6
SOWK340	Fields of Practice: Health, Aging and Disability	6
Year 4		
Annual		
SOWK404	Approaches and Skills: Community Work	6

SOWK406	Advanced Social Work Practice and Skills	12
SOWK410	Supervised Professional Practice II	18
Autumn		
SOWK442	International Social Work	6
Spring		
SOWK402	Collaborative Research Approaches	6

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.

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

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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 Sustainable Communities | 2018

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 demonstrate:

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;
- b. 48 credit points of elective subjects; and
- c. No more than 60 credit points at 100 level.

Subject Code	Subject Name	Credit Points
Year 1		
Autumn Session		
GEOG121	Human Geography: Life in a Globalising World	6
ECON102	Economics and Society	6
COMM101	Principles of Responsible Business	6
Spring Session		

GEOG122	Human Geography: Living in a Material World	6
GEOG123	Indigenous Geographies: Questioning Country	6
HAS 121	Human Development in Social Context	6
Plus at least 6 credit points from the following:		
POL 150	Government, Power and Political Systems	6
HAS 130	Social Determinants of Health	6
SCIE103	Climate Change	6
An additional 6 credit points may be chosen at 100-level from the following or from the General Schedule*		
PSYC123	Research Methods and Statistics	6
PHYS154	Energy, Climate Change and Human Society	6
COMM121	Statistics for Business	6
MARK101	Marketing Principles	6
Year 2		
Autumn Session		
GEOG221	Population Geography: People, Place, Inequality	6
HAS 200	Social Justice in a World of Inequality	6
Spring Session		
GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6
GEOG241	Urban Geographies: Just and Sustainable Cities?	6

HAS 202	Introduction to Social Policy	6
Plus at least 6 credit points from the following:		
CRLP200	Career Ready Learning & Practice	6
HAS 261	Crime Prevention	6
GEOG251	Disaster Geographies: Risk, Policy, Management	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
GEOG231	Maps and Apps for Social Scientists	6
POL 221	Australian Politics	6
STS 216	Environmental Sociology and Politics	6
An additional 6 credit points may be chosen at 200-level from the following or from the General Schedule*		
HAS 232	Crime and Delinquency	6
INTS200	Model United Nations	6
INTS204	Global Aid and Development: Challenges and Prospects	6
PHIL226	Global Ethics	6
Year 3		
Autumn Session		
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6
Spring Session		
GEOG337	Environmental and Heritage Management	6
HAS 346	Social Advocacy	6

Plus at least 12 credit points from following:		
GEOG339	Geographies of Change: International Fieldwork Intensive	6
GEOG352	Social Science Research Internship	6
CRLP200	Career Ready Learning & Practice	6
GEOG354	Environmental Crime and Justice	6
STS 302	Climate Change Policy, Possible Futures	6
CST 371	Race and Place	6
GEOG353	Qualitative GIS	6
An additional 12 credit points may be chosen at 300-level from the following or from the General Schedule*		
INTS311	Human Security, Global Capitalism and the Environment	6
POL 326	Global Inequality	6
HAS 348	Social Innovation and Entrepreneurship	6
MARK320	Social Marketing	6

*General Schedule subjects recommended for this degree include subjects with the prefix HIST, ECON, SOC, STS, INTS, INDS, CST.

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

Other Information

For further information email: ssc@uow.edu.au

Last reviewed: 24 November, 2017

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Bachelor of Arts | 2018

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*
South Western Sydney/753109*

* The Bachelor of Arts offered at Bega, Batemans Bay, Southern Highlands, Shoalhaven Campuses and South Western Sydney are listed on different pages - [Bachelor of Arts \(Regional Campuses\)](#) and [Bachelor of Arts - South Western Sydney](#).

Overview

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. It allows students to specialise in up to 2 majors or do a combination of majors and minors in disciplines such as Politics, History, English Literature, Philosophy, Languages, Sociology, Indigenous studies, and newer areas of study such as the Environmental Humanities (see below under 'Majors' for the full list). 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.

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

All BA students will be able to demonstrate these outcomes which are common to each BA major. Each major also has major 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) from within the Faculty of Law, Humanities and the Arts (LHA), **OR**, a minor study (minimum of 24 credit points) from within LHA;
4. Elective subjects offered in LHA, or other Faculties, 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 better;
- Not more than 60 credit points can be taken in 100-level subjects.

Majors

Choosing a Major (Wollongong)

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, English Literatures, and Languages. Other disciplinary areas that might not be as familiar include Philosophy, Sociology, International Relations and Politics. 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.

Most majors offered in the Bachelor of Arts require at least 48 credit points although some require more (for example, those taking a Language as a Beginner). All majors require at least a pass in 24 credit points at 300 level from the subjects offered for the major.

Students taking two majors are only permitted to cross count one subject in both majors.

Students enrolled in this degree, must take at least one of the majors listed under the 'BA Majors' section of this handbook.

Choosing a Major (Bega, Batemans Bay, Southern Highlands & Shoalhaven)

For information on Bachelor of Arts majors offered at Bega, Batemans Bay, Southern Highlands and Shoalhaven campuses please see the separate entry on - [Bachelor of Arts \(Regional Campuses\)](#).

BA Majors

Students enrolled in the Bachelor of Arts within the Faculty must take at least one of these 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](#)
- [Japanese](#)
- [Philosophy](#)
- [Photography](#)
- [Politics](#)
- [Science and Technology Studies](#)
- [Sociology](#)
- [Spanish](#)
- [Writing and English Literatures](#)

Second Major

Students enrolled in the Bachelor of Arts must also take either a second major or, alternatively a minor within LHA.

Students who wish to take a second major may choose from the list of BA majors above.

Alternatively, students may like to consider a major from another degree from the following list:

- [Digital and Social Media](#)
- [Global Screen Media](#)
- [Global Sustainable Development](#)
- [Journalism](#)
- [Visual Communication Design](#)

Minors

Most minors offered in the Bachelor of Arts consist of 24 credit points and require at least 12 credit points at 200 level or higher.

Minors appear on the transcript (i.e. academic record) but do not appear on the testamur. To have a minor study recorded, students need to submit an [Application to Declare or Change Intended Major/Minor](#).

Students enrolled in this degree at Wollongong may choose from the following minors, with the full details of each available on a the [LHA 2018 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 Arts
- Creative Production
- Creative Writing
- Cultural Studies
- Design History
- Digital and Social Media
- English Language & Linguistics
- English Literatures
- Environmental Humanities
- Ethics
- European Studies
- French
- Game Production
- Gender Studies
- Global Screen Media
- Graphic Design
- Indigenous Studies
- Indonesian*
- Italian
-

- Japanese
- Journalism
- 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

* Available by cross institutional study only

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

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](#) (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 separate entry for the [Bachelor of Arts \(Honours\)](#).

The Faculty of Law, Humanities and the Arts Honours Handbook can be accessed as a PDF document from the Faculty [Honours Students](#) page.

Dean's Scholar Degree

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the [Bachelor of Arts Dean's Scholar Degree](#) or Dean's Scholar Double Degrees.

Selection Criteria

To be eligible to apply for a place in the [Bachelor of Arts Dean's Scholar Degree](#) or Dean's Scholar Double Degrees, applicants would normally meet the following criteria:

- Currently enrolled in the BA 702 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 82.

For more information including the full list of Dean's Scholar Degrees and to how to apply online visit the [LHA Dean's Scholar website](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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Bachelor of Arts | 2018

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
Delivery Mode:	On-campus (Face-to-face)
Delivery Campus / UAC Code:	Bega / 753106 Batemans Bay / 753107 Southern Highlands / 753108 Shoalhaven Campuses / 753102

Overview

The Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702), is one of the most popular degrees at University. Students who are passionate and curious about humanity and society enjoy the flexibility of the Bachelor of Arts degree. It allows students to specialise in up to 2 majors or do a combination of majors and minors in different discipline areas such as English Literatures, History, Sociology and the interdisciplinary areas of Indigenous Studies and Community, Culture and Environment. 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.

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:

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.

All BA students will be able to demonstrate these outcomes which are common to each BA major. Each major also has unique major learning outcomes which are outlined under each major on this page.

Course Structure

To qualify for award of this degree, a student must complete a total of at least 144 credit points, comprised on the following:

1. At least one major 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) from within the Faculty of Law, Humanities and the Arts (LHA)*, OR, a minor study (minimum of 24 credit points) from within LHA*;
4. Elective subjects offered in LHA, or other Faculties, 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 better;
- Not 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 BA (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

The majors and minors aim to 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 from the subjects offered for the major, and 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. To have a minor study recorded, students should to submit an [Application to Declare or change Intended Major/Minor](#).

Community, Culture and Environment Major

The theme of this major reflects its name, Community, Culture and Environment. Subjects offered by Sociology inform the theme of community, and those offered by English, History and Cultural Studies inform the cultural theme. However, many of the subjects offered will often combine two of the themes listed in the degree, especially the Indigenous Studies subjects.

Major Learning Outcomes:

On successful completion of this major students will be able to:

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

A **major** in Community, Culture and the Environment is made up of at least 48 credit points as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
AUST101	Australian Studies: Cultures and Identities	6
INDS207	Critical Themes in Indigenous Studies	6
SOC 207	Introduction to Social Theory	6
INDS302	Indigenous Thinkers: Global Perspectives	6

HIST351	Australian History: Moments that Matter	6
SOC 352	Power, Resistance and Society	6
Plus at least ONE of the following capstone subjects:		
ENGL383	Contemporary Fiction and Film (capstone)	6
HIST389	History Capstone (capstone)	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (capstone)	6
Plus ONE other subject from the list of elective subjects available at your campus.		
This elective should be chosen in consultation with the Head of Students		

A **minor** in Community, Culture and Environment will consist of a least 24 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
AUST101	Australian Studies: Cultures and Identities	6
Plus a minimum of THREE from the following:		
INDS207	Critical Themes in Indigenous Studies	6
SOC 207	Introduction to Social Theory	6
INDS302	Indigenous Thinkers: Global Perspectives	6
HIST351	Australian History: Moments that Matter	6
SOC 352	Power, Resistance and Society	6

English Literatures Major

The English Literatures major introduces students to a broad range of texts - novels, poetry, essays, short stories, film, diaries and letters - from medieval times to the modern.

The major in English Literatures teaches you to analyse what you read with sharp critical skills and cultural sensitivity, and to articulate your response with power and precision.

A strong international focus underpins our subjects and our ways of teaching them: you will be encouraged to enquire into the politics of the writing and reception of texts, and to understand aesthetics and the value of literature within a range of cultural contexts.

The core subjects within the degree ensure a grounding in the historical development of English Literatures at 200 level and an engagement with literary theory at 300 level.

Major Learning Outcomes

On successful completion of this major students will be able to:

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 recognise and reflect on the significance of literary texts in imagining and interpreting the social world.

A **major** in English Literatures is made up of at least 48 credit points as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
ENGL120	An Introduction to Literature and Film	6

ENGL131	Australian Fiction and Film	6
ENGL271	The Romantics	6
ENGL274	Victorians	6
ENGL361	The Modernists	6
ENGL382	Social Justice and Children's Literature	6
ENGL383	Contemporary Fiction and Film (Capstone)	6
<p>Plus ONE more 300 level elective chosen from the list of elective subjects available at your campus.</p> <p>This elective should be chosen in consultation with the Head of Students.</p>		

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 Major

History aims to understand and interpret the past. It is the subject that brings the past into the present. History is a dynamic discipline, since each generation returns to the past with different questions, based on their own experiences and concerns.

Historical analysis brings together both facts and moral judgements to analyse the background to contemporary conditions. Perhaps more importantly, History can also help us to imagine the kinds of futures we want to live.

Major Learning Outcomes

On successful completion of this major students will be able to:

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.

The History **major** consists of at least 48 credit points, as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE of the following:		
HIST111	The Modern World	6
AUST101	Australian Studies: Cultures and Identities	6
Plus		
HIST257	The World After 1945	6
HIST281	Hands-On History	6
Plus		
HIST371	Twentieth Century Dictatorships	6
HIST351	Australian History: Moments that Matter	6
HIST389	History Capstone (capstone)	6
<p>Plus TWO other subjects from the list of elective subjects available at your campus.</p> <p>ONE of these electives must be at 300 level.</p> <p>These electives should be chosen in consultation with the Head of Students.</p>		

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 is an interdisciplinary major which links together INDS subjects and a number of subjects offered by the Faculties of Law, Humanities and the Arts and Social Sciences, to provide Indigenous and non-Indigenous students with a coherent program in the study of Indigenous Australia.

Major Learning Outcomes

On successful completion of this major students will be able to:

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.

A **major** in Indigenous Studies consists of a minimum of 48 credit points as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
INDS150	Introduction to Indigenous Australia	6
INDS207	Critical Themes in Indigenous Studies	6
INDS305	Research and Indigenous Communities	6
SOC 356	Cultures in Dispossession	6
HIST351	Australian History: Moments that Matter	6
INDS302	Indigenous Thinkers: Global Perspectives (capstone)	6
<p>Plus TWO subjects from the list of elective subjects available at your campus.</p> <p>These electives should be chosen in consultation with the Head of Students.</p>		

A **minor** in Indigenous Studies will consist of at least 24 credit points as outlined below. At least two subjects must be at 200 level or higher.

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE of the following:		
INDS150	Introduction to Indigenous Australia	6
INDS207	Critical Themes in Indigenous Studies	6
Plus TWO other subjects from the list of elective subjects available at your campus.		
These electives should be chosen in consultation with the Head of Students		

Sociology Major

Sociology is the study of social life, cultural and social change, and the social causes and consequences of human behaviour.

By acquiring sociological skills students develop the ability to analyse a wide variety of social processes, institutions, causes of social change and the structures of groups and societies.

Specific areas of study include social policy; social theory and methodologies; gender, sexuality and the body; class; crime and punishment; race and ethnicity; family, welfare and education reform; everyday interaction; social movements; social change in Asia; media and entertainment; and youth and popular culture.

In a rapidly changing world, sociology provides distinctive methodologies and perspectives that offer solutions to complex problems arising from social inequality, globalisation, criminal justice and racism. Sociology is an exciting discipline with expanding opportunities for a wide range of career paths.

Major Learning Outcomes

On successful completion of this major students will be able to:

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.

A **major** in Sociology consists of a minimum of 48 credit points as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE of the following:		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
Plus		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
SOC 352	Power, Resistance and Society	6
SOC 356	Cultures in Dispossession	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (Capstone)	6
<p>Plus TWO subjects from the list of elective subjects available at your campus.</p> <p>ONE of these subjects must be at 300 level.</p> <p>This elective should be chosen in consultation with the Head of Students</p>		

A **minor** in Sociology will consist of at least 24 credit points as outlined in the table below.

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE of the following:		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
Plus		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
<p>Plus ONE subject from the list of elective subjects available at your campus.</p> <p>This elective should be chosen in consultation with the Head of Students.</p>		

Timetables

Click on subject codes in the above major structures for information on sessions of offer for each subject.

To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

Subject Delivery

Subjects are taught using different methods of delivery. For some subjects, lectures are edu-streamed which means students can download the lectures. 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.

Work Integrated Learning

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.

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](#) (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 students can undertake provided they meet the requirements set. See the handbook page for the [Bachelor of Arts \(Honours\)](#) for more information.

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 - South Western Sydney | 2018

Testamur Title of Degree:	Bachelor of Arts
Abbreviation:	BA
UOW Course Code:	702
CRICOS Code:	N/A - not offered to International Students in 2018
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 Western Sydney / 753109

Overview

The Bachelor of Arts offered at South Western Sydney in 2018 is available for students who are interested in studying a Sociology Major. The study of a major with the Bachelor of Arts helps students develop skills while they acquire a set of conceptual frameworks and a body of knowledge interpreted using those frameworks. Within the study of Sociology, students will learn how to research and write social policy, theory, and methodologies, as well as how to read what Sociologists have thought about distinctive methodologies and perspectives.

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, with a major in 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 [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

All BA students will be able to demonstrate these outcomes which are common to each BA major.

Major Learning Outcomes

In addition to the Course Learning Outcomes, the Sociology Major also has the following Major Learning Outcomes:

On successful completion of this major students will be able to:

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.

Course Structure

To qualify for award of the degree, the Bachelors of Arts (course code 702), 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). For the Bachelor of Arts at South Western Sydney in 2018, the available major is Sociology;
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 minor study (minimum of 24 credit points) from within LHA;
4. Elective subjects offered at South Western Sydney Campus by LHA, or other Faculties, to the value of at least 144 credit points.

Note:

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

Subject Code	Subject Name	Credit Points
Core		
LHA 101	Introduction to Arts and the Humanities	6

Sociology Major

Sociology is the study of social life, cultural and social change, and the social causes and consequences of human behaviour. By acquiring sociological skills students develop the ability to analyse a wide variety of social processes,

institutions, causes of social change and structures of group and societies.

In a rapidly changing world, sociology provides distinctive methodologies and perspectives that offer solutions to complex problems arising from social inequality, globalisation, criminal justice and racism. Sociology is an exciting discipline with expanding opportunities for a wide range of career paths.

A major in Sociology consists of a minimum of 48 credit points as outlined in the table below:

Subject Code	Subject Name	Credit Points
Year 1 Core		
SOC 103	Introduction to Sociology	6
Year 2 Core		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
Year 3 Core		
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state'	6
Elective List		
Plus a minimum of FOUR of the following subjects. At least THREE subjects must be at 300 level:		
CST 244	The Everyday Life of Social Policy	6
SOC 208	Cities, Communities and Families	6
SOC 227	Genders and Sexualities	6
SOC 247	Punishment: Purpose, Practice, Policy	6
SOC 252	Multicultural Cities	6
CST 371	Race and Place	6
SOC 329	Globalisation and Social Transformation	6
SOC 344	Emotions, Bodies & Society	6

SOC 356	Cultures in Dispossession	6
STS 302	Climate Change Policy, Possible Futures	6

Students studying the Bachelor of Arts will also complete at least one minor study. Minor studies consist of a minimum of 24 credit points, of which at least 12 credit points are completed at 200 level or higher.

Students at the South Western Sydney Campus should consult with their Academic Program Director in regards to Minors available for study.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Elective Subjects

For information on the elective subjects available at the South Western Sydney Campus:

1. Choose the relevant year and course type from the [Subject Database](#)
2. On the next page, choose 'South Western Sydney' from the Campus drop-down menu (if you like, you can also filter by Faculty and School on this page)
3. Click 'Submit'

Timetables

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:

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](#).

The full range of electives may not be offered at South Western Sydney Campus and students may need to travel to Wollongong campus to study particular electives.

For enquiries regarding course transfers between Wollongong and South Western Sydney Campuses, please contact [LHA Central](#).

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.

Work Integrated Learning

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.

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 students can undertake provided they meet the requirements set out in the honours entry for this handbook. See separate entry for the [Bachelor of Arts \(Honours\)](#).

Other Information

For further information email: 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 Arts (Psychology) | 2018

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)
Year 1			
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 three subjects:</i>			
PHIL107	Introduction to Philosophy	6	Autumn
SOC 103	Introduction to Sociology	6	Autumn
PHIL151	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>			
Year 2			
PSYC231	Personality	6	Autumn
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	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>			
PSYC236	Cognition and Perception	6	Spring
PSYC241	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>			
Year 3			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
<i>Select THREE from the following, including at least ONE of PSYC327, PSYC328 or PSYC329 :</i>			
PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC327	Advanced Topics in Cognition	6	Autumn First Offered 2019

PSYC330	Social Behaviour and Individual Differences	6	Autumn First Offered 2019
PSYC357	Forensic Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
PSYC328	Visual Perception	6	Spring First Offered 2019
PSYC329	Psychophysiology	6	Spring First Offered 2019
PSYC358	Applied Psychology	6	Spring First Offered 2019
PSYC359	Psychopharmacology	6	Spring First Offered 2019
PSYC360	Research Internship in Psychology	6	Spring First Offered 2019
PSYC361	Child Development	6	Spring First Offered 2019

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)

200-level subjects			
PSYC251	Psychology of Abnormality	6	Spring
300-level subjects			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
PSYC325	History and Philosophy of Psychology	6	Autumn First Offered 2019
PSYC326	Design and Analysis	6	Spring First Offered 2019
<i>And 24 credit points from the following, including at least one of PSYC327, PSYC328 or PSYC329 :</i>			
PSYC327	Advanced Topics in Cognition	6	Autumn First Offered 2019
PSYC330	Social Behaviour and Individual Differences	6	Autumn First Offered 2019
PSYC357	Forensic Psychology	6	Autumn First Offered 2019
PSYC328	Visual Perception	6	Spring First Offered 2019
PSYC329	Psychophysiology	6	Spring First Offered 2019
PSYC358	Applied Psychology	6	Spring First Offered 2019
PSYC359	Psychopharmacology	6	Spring First Offered 2019
PSYC360	Research Internship in Psychology	6	Spring First Offered 2019
PSYC361	Child Development	6	Spring First Offered 2019
<i>Plus ONE 6 credit point subject that contributes to either a</i>			

minor or elective credit.

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

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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 | 2018

This Major is available for students studying the Bachelor of Arts.

The Archaeology and Ancient History major at UOW offers students 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.

You will explore the political, social and economic contexts of Rome and Greece. This will be complemented by learning about the 'Big' questions in Archaeology, in both our own region and the rest of the world, from early prehistory to the Middle Ages. You will gain field and practical experience using a range of different techniques and sources to examine material remains including fossils, artefacts and relics from a wide range of periods, places and people. Students will round off their major by completing capstone subjects in Archaeology and Ancient History where they will apply the knowledge and skills they have learned to real-world investigations into the ancient past.

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.

Major Learning Outcomes

On successful completion of this major students will be able to:

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. Discuss contemporary debates concerning the study and understanding of the past, including indigenous perspectives and ethical issues relevant to preservation;
4. Locate, synthesise and evaluate data, information, results and literature pertaining to Ancient History and Archaeology, using appropriate methods, measurements, tools and technologies;
5. Apply suitable scientific field and laboratory methods and theoretical concepts to questions and problems in the study of Ancient History and Archaeology;
6. 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

The Ancient History and Archaeology major will consist of at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
Core subjects		
ARCH102	Big Questions in Archaeology	6
HIST112	Lost Worlds: The 'Big History' of Ancient History	6
ARCH202	World Archaeology	6
ARCH301	Archaeology in Action: Understanding the	6

	Archaeological record	
ARCH302	Digging Down Under: Archaeology of Australasia	6
ARCH303	Dung, death and decay: modern methods in Archaeology	6
HIST386	Ancient Texts (Capstone)	6
Plus either ONE or BOTH of the following:		
HIST262	Ancient History: Rome	6
HIST259	Ancient History: Greece	6
Further recommended electives for this major include:		
INDS130	Indigenous Knowledge in Global Contexts	6
INDS150	Introduction to Indigenous Australia	6
CAVA123	Australian Aboriginal Arts	6
GEOG123	Indigenous Geographies: Questioning Country	6
EESC203	Biogeography and Environmental Change	6
HIST200	Oceans of History: Exploration and Encounters	6
HIST281	Hands-On History	6
INDS205	Indigenous Peoples and the Environment	6
INDS208	Working with Indigenous Communities	6
ARCH300	Directed Studies in Archaeology	6
GEOG337	Environmental and Heritage Management	6

Timetable

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](#)

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#)

See [Bachelor of Science \(Honours\)](#)

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](#).

Other Information

For further information email: 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](#).

Chinese (Mandarin) for Character Background Students Major | 2018

This major is available for students studying the Bachelor of Arts, or as a secondary major in the Bachelor of International Studies.

Approximately 14.4% of the world's population are native speakers of Mandarin and it is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as potentially the biggest global market in the twenty-first century.

This major in Chinese (Mandarin) is for students who have an education background in the Chinese language. It provides a course of study which allows students to specialise in Chinese language and culture.

Students without a background in characters should enrol in the major Chinese (Mandarin) for Non-Chinese Background Students and should consult the appropriate Subject Coordinator of Chinese if they are uncertain of their status.

MENU 

Major Learning Outcomes

On successful completion of the Chinese (Mandarin) for Character Background Students major 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 54 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1	6
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 2	6
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character Background Students (CBS)	6
MAND371	Advanced Chinese 1 for Character Background Students (CBS)	6
MAND372	Advanced Chinese 2 for Character Background Students (CBS)	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following:		
ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
HIST293	China since 1949	6
Plus ONE from the following or a 300 level subject with appropriate content as approved by the Chinese Program or		

the Languages and Linguistics Discipline Leader:		
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6

Timetables

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 regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for further information. The Diploma in Languages course is only available to Australian residents.

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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](#).

Chinese (Mandarin) for Non-Chinese Background Students Major | 2018

The major is available for students studying the Bachelor of Arts, or as a secondary major in the Bachelor of International Studies.

Approximately 14.4% of the world's population are native speakers of Mandarin and it is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as potentially the biggest global market in the twenty-first century.

A major in Chinese (Mandarin) provides a course of study which allows students who have no prior knowledge of Mandarin or of Chinese characters to specialise in Mandarin.

Students may commence their Chinese (Mandarin) language studies at the Beginner or Intermediate level depending on their language proficiency. Native or near-native speakers and speakers of another Chinese dialect who are familiar with Chinese characters will enrol in the major Chinese (Mandarin) for Character Background students.

Major Learning Outcomes

On successful completion of this major, students 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

Beginners Entry

The Beginner stream assumes no prior knowledge of the language. For students commencing studies at the Beginner level, the major in Chinese (Mandarin) for beginners or near beginners consists of at least 54 credit points, as outlined below.

Subject Code	Subject Name	Credit Points
Core Beginner Entry		
MAND151	Chinese (Mandarin) for Beginners 1	6
MAND152	Chinese (Mandarin) for Beginners 2	6
MAND231	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND232	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
MAND331	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND332	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following:		
MAND217	In Country Language Study	6
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character	6

	Background Students (CBS)	
ELL 230	Communication Across Cultures	6
HIST293	China since 1949	6
Plus ONE from the following or a 300-level subject with appropriate content as approved by the Chinese Program or Languages and Linguistics Discipline Leader.		
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6
MAND371	Advanced Chinese 1 for Character Background Students (CBS)	6
MAND372	Advanced Chinese 2 for Character Background Students (CBS)	6

Intermediate Entry

Students who took Chinese Continuers or Extension at the HSC level may enter the language sequence at the level of MAND231. For students commencing studies at the Intermediate level in 2018, the major in Chinese (Mandarin) consists of at least 48 credit points.

All students entering the Chinese (Mandarin) major at the level of [MAND152](#) or [MAND231](#) must obtain approval from the appropriate Chinese (Mandarin) Subject Co-ordinator.

Subject Code	Subject Name	Credit Points
Core Intermediate Entry		
MAND231	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND232	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
MAND331	Advanced Chinese 1 for Non-Chinese	6

	Background Students (NCB)	
MAND332	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following:		
MAND217	In Country Language Study	6
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character Background Students (CBS)	6
ELL 230	Communication Across Cultures	6
HIST293	China since 1949	6
Plus ONE from the following or a 300-level subject with appropriate content as approved by the Chinese Program or Languages and Linguistics Discipline Leader.		
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6
MAND371	Advanced Chinese 1 for Character Background Students (CBS)	6
MAND372	Advanced Chinese 2 for Character Background Students (CBS)	6

Minor Study

A 24 credit point minor in [Chinese \(Mandarin\) for Non-Chinese Background Students](#) is available and consists of at least 24 credit points subjects in Mandarin.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for further information.

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

This major is available for students studying the Bachelor of Arts.

The Creative Writing major is an excellent way to explore writing in a critical and historical context. You will be able to produce new work in poetry, drama and short stories and reflect on these practices in relation to the history and politics of writing. Graduates will be flexible, independent thinkers capable of analysing problems from different perspectives. These core skills, accompanied by the skills and knowledge acquired in a second major in a related field, will broaden career options within the arts and communication industries. Creative Writing would pair well with a major in English Literatures, Languages, Indigenous Studies or Philosophy.

Major Learning Outcomes

On successful completion of this major students will be able to:

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

A major study in Creative Writing consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
CACW100	Introduction to Creative Writing	6
CACW103	Editing Foundation	6
CACW232	Writing and Critical Theory	6
CACW301	Writing Across Borders	6
CACW303	Genre and Form	6
CACW331	Contemporary Theory and Research Practice	6
ENGL383	Contemporary Fiction and Film (Capstone)	6
Plus ONE from the following:		
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6

Timetables

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.

Students cannot complete both a major and minor in Creative Writing.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

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](#).

Other Information

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English Literatures Major | 2018

This Major is available for students studying the Bachelor of Arts.

The English Literatures major introduces you to a broad range of texts—novels, poetry, essays, short stories, film, diaries and letters—from medieval times to the modern. The major in English Literatures teaches you to analyse what you read with sharp critical skills and cultural sensitivity, and to articulate your response with power and precision. A strong international focus underpins our subjects and our ways of teaching them: you will be encouraged to enquire into the politics of the writing and reception of texts, and to understand aesthetics and the value of literature within a range of cultural contexts.

The core subjects within the degree ensure a grounding in the historical development of English Literatures at 200 level and an engagement with literary theory at 300 level. English Literatures may be combined with any other approved Bachelor of Arts major. It is often taken as a major in Bachelor of Arts - Bachelor of Laws double-degree, and is an ideal second major for Journalism and Professional Writing students in the Bachelor of Communication and Media Studies.

Major Learning Outcomes

On successful completion of this major students will be able to:

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

A major study in English Literatures is made up of at least 48 credit points as outlined in the table below:

Subject Code	Subject Name	Credit Points
Both:		
ENGL120	An Introduction to Literature and Film	6
ENGL383	Contemporary Fiction and Film (Capstone)	6
Plus a minimum of TWO from the following:		
ENGL271	The Romantics	6
ENGL274	Victorians	6
ENGL276	Dreams and Visions in Literature and Film	6
Plus a minimum of FOUR from the following. At least THREE must be at 300 level.		
ENGL131	Australian Fiction and Film	6
CACW104	Text and Context	6
ENGL272	Introduction to Poetry	6
ENGL273	Text and Transformation	6
ENGL275	US Literature	6
ENGL277	Literatures of Migration, Displacement and Refuge	6

ENGL278	Scrolls Books and Blogs: The History of Books and Readers	6
ENGL279	Exploring Popular Literature	6
CACW231	Writing, Representation and Power	6
CACW232	Writing and Critical Theory	6
ENGL300	Shakespeare and Renaissance Literature	6
ENGL384	Debt, Money and the Market in Literature and Film	6
ENGL361	The Modernists	6
ENGL378	Special Topic in English Literature	6
ENGL379	Desiring Bodies: Gender & Sexuality in Literature & Film	6
ENGL382	Social Justice and Children's Literature	6
ENGL381	Animals and Ecology in Literature and Film	6
LANG335	Literature and Society in Renaissance Europe	6

Timetables

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 minor in English Literatures is available.

Students cannot complete both a major and minor in English Literatures.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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](#).

Environmental Humanities | 2018

This Major is available for students studying the Bachelor of Arts.

A major in Environmental Humanities equips students with the tools to analyse, critique and engage with contemporary debates about the environment. Students 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. Students 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.

The major will take students through the works of key humanities thinkers in environmental debates, and how these manifest in policies, solutions and conflicts. It will explore ideas for alternative futures, Indigenous conceptions of country, and also how relationships with nature and other animals have been historically and culturally produced. The Environmental Humanities major brings together subjects from International studies, Philosophy, History, Indigenous Studies, Sociology, Science and Technology Studies, English, Contemporary Arts and Geography. All of the strengths of Humanities research and teaching (critical and creative thinking, questions of social justice, ethics and cultural engagement) will be brought into the domain of the environment. The development of Environmental Humanities is in response to 21st Century environmental crises of climate change; depletion of natural resources, species extinctions, mass migration, natural disasters, global inequalities and climate refugee crises.

Learn from advocates, activists, writers, artists, government officials and

scientific authorities who know that the problems we now face are cultural as well as environmental. These problems require not only scientific solutions but also an engaged and practical knowledge of how cultures operate according to beliefs, ethics, cultural values and social structures that are marked by gender, race, class, ethnicity, and religion.

Major Learning Outcomes

On successful completion of this Major students will be able to:

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

A major in Environmental Humanities consists of at least 48 credit points comprised of:

Subject Code	Subject Name	Credit Points
Core		
STC 100	Society, Culture and Technology	6
STS 302	Climate Change Policy, Possible Futures (Capstone)	6
Plus at least TWO from the following:		
INDS205	Indigenous Peoples and the Environment	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
STS 216	Environmental Sociology and Politics	6
Plus at least FOUR from the following. At least THREE of these MUST be 300-level:		
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
SOC 251	Genetics, Biotechnology and Society	6
STS 286	Risk, Media and Communication	6
PHIL326	Bioethics	6
ENGL381	Animals and Ecology in Literature and Film	6
GEOG337	Environmental and Heritage Management	6
CAVA332	Globalisation and Contemporary Art	6
INTS311	Human Security, Global Capitalism and the Environment	6

Timetables

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.

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#)

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](#).

Other Information

For further information email: 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](#).

French Major | 2018

The major is available for students studying the Bachelor of Arts, or as a secondary major in the Bachelor of International Studies.

This major covers the study of French language, culture and society, including Francophone cultures outside France.

In our language and culture subjects we use a range of authentic resources and teaching methods to equip students with a high level of proficiency in the written and spoken French language. Student learning outcomes are aligned with the Common European Framework of Reference for Languages.

A major in French allows students to study French language, literature, and culture either as beginners or advanced learners. Students who enter the major at post-HSC (or advanced) level, will be exempted from some language subjects.

Major Learning Outcomes

On successful completion of this major 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

Beginner Entry

A major in French for beginners or near beginners consists of at least 54 credit points as outlined below.

Native speakers or students who have completed their compulsory education in a country where the language is spoken are ineligible to undertake Beginner 1 or Beginner 2 subjects in French and should begin their language studies at the Intermediate (or higher) levels.

Native speakers are encouraged to contact the French Program or Discipline Leader of Languages and Linguistics before enrolling.

Intermediate Entry - Strong 2 Unit HSC pass or equivalent

Students who have achieved a strong 2 Unit HSC pass or equivalent will normally enter the language sequence at the level of [FREN241](#), and complete a 48 credit point major comprising 18 credit points at 200 level and 30 credit points at 300 level, as set out below.

All students entering the French major at the level of [FREN152](#) or above must obtain formal approval from the Languages and Linguistics Discipline Leader.

Native or near-native speaker Entry

Native or near-native speakers, whose major also consists of 48 credit points, may be granted waivers for [FREN241](#) and FREN242. Such waivers will be granted only at the time of first enrolment in French, in accordance with the Program's policy and with the formal approval of the French Program and the Languages and Linguistics Discipline Leader. Replacement subjects to make up the 48 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at university level in accordance with established University of Wollongong guidelines.

Subject Code	Subject Name	Credit Points
Core		
Beginner Entry		
FREN151	French for Beginners 1	6
FREN152	French for Beginners 2	6

Intermediate Entry		
FREN230	The Making of France and the French Nation	6
FREN241	Intermediate French 1	6
FREN242	Intermediate French 2	6
FREN341	Advanced French 1	6
FREN342	Advanced French 2	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following*:		
FREN330	France in the Twenty-first century	6
LANG335	Literature and Society in Renaissance Europe	6
* Students commencing study at 200 level must take both FREN330 and LANG335		
Study Abroad/ Exchange Subjects		
The following are offered subject to availability. They do not count towards the major in French, but may be taken as electives.		
Entry for Study Abroad/ Exchange subjects require the formal approval of the French Program or the Languages and Linguistics Discipline Leader.		
FREN217	In country Language Study	6
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6
Electives		
ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6

*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) or/and an ELL minor.

Timetables

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 consisting of four sequential language subjects in French.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

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.

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.

Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for

further information.

Honours

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: 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](#).

History Major | 2018

This Major is available for students studying the Bachelor of Arts.

The History major at UOW offers you the opportunity to examine a wide range of periods, places and people. Our subjects cover Ancient and Modern History across Australia, Asia, Europe and the Pacific. They explore key themes - such as the history of empires, the environment, the political and social impacts of wars, as well as histories of sex, race and gender. History is one of the most popular Majors in the School of Humanities and Social Inquiry and our teaching and research consistently attracts top ratings.

In your first year you will study a broad range of historical periods, using a variety of theoretical approaches. In your second and third years you will be able to specialise by studying in greater depth the topics that interest you. Throughout your major you will be supported to refine and extend your use of historical evidence, with particular emphasis on the exciting forms of historical research that digital media have now made possible.

Studying History also includes learning what it is to be a historian. Each subject you study will help you to develop a sophisticated and critical appreciation of contemporary approaches to the use of evidence, as well as historical theories and interpretation. You will become expert in developing arguments, and in composing historical narratives in a variety of media. History will broaden your understanding of the world and help you articulate your knowledge, values and beliefs clearly and effectively.

Major Learning Outcomes

On successful completion of this major you will be able to:

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.

The History major provides a coherent course of study. Each subject in the major is intended to provide an understanding of a topic, area or theme, which is then further developed in subsequent years.

100 level subjects require no special knowledge. They provide you with a broad survey of a wide range of times, places and themes.

You will also learn many valuable basic skills to help you build a strong foundation for their major. At 100 level students learn how to:

- Identify the causes and effects of historical change;
- Summarise the main points of a historical work;
- Identify the thesis or central argument of a historical work;
- Describe the historical context of a work;
- Identify different types of historical evidence;
- See how historians produce different accounts of the same event; and
- Consult primary source material to produce and defend arguments.

200-level subjects refine and extend both skills and historical knowledge. They offer study in greater depth and take a closer look at events and places, as well as introduce students to a range of primary sources, focussing particularly on digital archives.

300-level subjects take a detailed approach to major historical problems. They guide you toward a sophisticated understanding of historical theories, narratives and original sources. These may include film, radio, television, archival manuscript, oral interviews, literature, newspapers, parliamentary records, photographs, diaries and/or company documents.

Subjects Required For Major Study

The History major will consist of at least 48 credit points as outlined below:

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE of the following:		

HIST110	The Early Modern World	6
HIST111	The Modern World	6
Plus all THREE of the following:		
HIST257	The World After 1945	6
HIST281	Hands-On History	6
HIST389	History Capstone	6
Plus a minimum of THREE at 300 Level:		
AUST101	Australian Studies: Cultures and Identities	6
AUST102	Locating Australia	6
HIST112	Lost Worlds: The 'Big History' of Ancient History	6
HIST200	Oceans of History: Exploration and Encounters	6
HIST204	Illicit Trades: Trafficking and Slavery in Global History	6
HIST258	Australians and the Great War	6
HIST259	Ancient History: Greece	6
HIST262	Ancient History: Rome	6
HIST283	Film and History	6
HIST289	Empires of the East: China, Russia and the Challenge to the West	6
HIST292	Power and Protest in Australia	6
HIST293	China since 1949	6
HIST305	Europe in World History	6
HIST351	Australian History: Moments that Matter	6
HIST358	War and Society	6
HIST359	Empires Colliding: Britain and USA	6

HIST362	Issues and Controversies in Modern Asian History	6
HIST371	Twentieth Century Dictatorships	6
HIST386	Ancient Texts	6

Note that if you are also studying an Ancient History minor, you cannot count [HIST112](#), [HIST259](#), [HIST262](#), and [HIST386](#) to both the History major and your minor.

Timetables

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 Archeology and Ancient History Major may be interested in the following 24 credit point minors:

- [Modern History Minor](#);
- [Ancient History Minor](#);
- [Australian Studies Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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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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2018 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](#).

Minor Study Areas (Faculty of Law, Humanities and the Arts) | 2018

The Faculty of Law, Humanities and the Arts offers the following minors:

- [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 Arts](#)
- [Creative Production](#)
- [Creative Writing](#)
- [Cultural Studies](#)
- [Design](#)
- [Design History](#)
- [Digital and Social Media](#)
- [English Language and Linguistics](#)
- [English Literatures](#)
- [Environmental Humanities](#)
- [Ethics](#)
- [European Studies](#)
- [French](#)
- [Game Production](#)

- Gender Studies
- Global Screen Media
- Graphic Design
- Indigenous Studies
- Indonesian
- Italian
- Japanese
- Journalism
- 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

To declare a minor in Ancient History, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
HIST112	Lost Worlds: The 'Big History' of Ancient History	6
HIST259	Ancient History: Greece	6
HIST262	Ancient History: Rome	6
HIST386	Ancient Texts	6

Animal Studies

To declare a minor in Animal Studies, students are required to complete the

following 24 credit points:

Subject Code	Subject Name	Credit Points
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
SOC 235	Living with Animals	6
ENGL381	Animals and Ecology in Literature and Film	6
Plus ONE of the following:		
INDS205	Indigenous Peoples and the Environment	6
STS 216	Environmental Sociology and Politics	6
SOC 226	New Social Movements	6
GEOG222	Society and Environment: Resources, Challenges, Futures	6
LAW 337	Animal Law	6
INTS311	Human Security, Global Capitalism and the Environment	6
STS 302	Climate Change Policy, Possible Futures	6
PHIL326	Bioethics	6
CAVA332	Globalisation and Contemporary Art	6

Art History

The Art History Minor Study is not available to students studying the BCA Visual Arts major or BCA Visual Arts and Design major.

To declare a minor in Art History, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
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Core:		
CAVA232	Contemporary Indigenous Art: Theory and Practice	6
CAVA231	Visual Art, Modernism and the Avant-garde	6
CAVA331	Contemporary Artworlds	6
CAVA332	Globalisation and Contemporary Art	6

Asia Pacific Studies

To declare a minor in Asia Pacific Studies, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
INTS121	Global Politics and Power	6
Plus at least THREE from:		
BCM 320	Digital Asia	6
HIST200	Oceans of History: Exploration and Encounters	6
HIST204	Illicit Trades: Trafficking and Slavery in Global History	6
HIST293	China since 1949	6
JAPA220	The Making of a Globalised Japan	6
POL 308	The Politics of Asian Development	6

Australian Studies

To declare a minor in Australian Studies, students are required to complete the following 24 credit points:

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Subject Code	Subject Name	Credit Points
Core		
AUST101	Australian Studies: Cultures and Identities	6
OR		
AUST102	Locating Australia	6
Plus THREE from the following. At least TWO must be at 200 or 300 level.		
AUST101	Australian Studies: Cultures and Identities	6
AUST102	Locating Australia	6
ENGL131	Australian Fiction and Film	6
INDS150	Introduction to Indigenous Australia	6
HIST292	Power and Protest in Australia	6
HIST258	Australians and the Great War	6
HIST351	Debates in Australian History	6

Chinese(Mandarin) for Character Background Students

A minor study in Mandarin consists of four sequential subjects.

A beginner student takes a minor by studying [MAND161](#), [MAND162](#), [MAND271](#) and [MAND272](#).

A student who had studied Mandarin to HSC level and who commenced university Mandarin in 2018 at second year level could take a minor by studying [MAND271](#), [MAND272](#), [MAND371](#) and [MAND372](#)

To declare a minor in Mandarin, students are required to complete the following:

Subject	Subject Name	Credit
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Code		Points
Beginner Entry Minor		
MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1	6
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 2	6
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character Background Students (CBS)	6
Intermediate Entry Minor		
MAND271	Intermediate Chinese 1 for Character Background Students (CBS)	6
MAND272	Intermediate Chinese 2 for Character Background Students (CBS)	6
MAND371	Advanced Chinese 1 for Character Background Students (CBS)	6
MAND372	Advanced Chinese 2 for Character Background Students (CBS)	6

Chinese (Mandarin) For Non-Chinese Background Students

A minor study in Mandarin consists of four sequential subjects.

A beginner student takes a minor by studying [MAND151](#), [MAND152](#), [MAND231](#) and [MAND232](#). A student who had studied Mandarin to HSC level and who commenced university Mandarin in 2018 at second year level could take a minor by studying [MAND231](#), [MAND232](#), [MAND331](#) and [MAND332](#).

To declare a minor in Mandarin, students are required to complete the following:

Subject Code	Subject Name	Credit Points

Beginner Entry Minor		
MAND151	Chinese (Mandarin) for Beginners 1	6
MAND152	Chinese (Mandarin) for Beginners 2	6
MAND231	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND232	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
Intermediate Entry Minor 2018		
MAND231	Intermediate Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND232	Intermediate Chinese 2 for Non-Chinese Background Students (NCB)	6
MAND331	Advanced Chinese 1 for Non-Chinese Background Students (NCB)	6
MAND332	Advanced Chinese 2 for Non-Chinese Background Students (NCB)	6

Creative Arts

To declare a minor in Creative Arts, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Students must complete TWO of the following:		
CACSI01	Contemporary Creative Practice	6
CACSI02	Critical Frameworks in Creative Practice	6
CACW100	Introduction to Creative Writing	6
CACW103	Editing Foundation	6
CACW104	Text and Context	6

CAPA111	Stage Management	6
CAPA112	Introduction to Lighting and Sound	6
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
CAGD190	Design Principles	6
BCM 115	Introduction to Screen Media	6
MEDA102	Alternative Cinemas	6
Plus TWO of the following:		
CAOS202	Word and Image	6
CAOS203	Video	6
CAOS204	Sound Design	6
CAOS205	New Documentary	6
CAPF222	Theatre Studio: Methodologies	6
CAVA211	Visual Arts Studio Workshop D	6
CAVA212	Visual Arts Studio Workshop E	6
CAVA213	Visual Arts Studio Workshop F	6
CAVA224	Advanced Photography 1	6
CAVA225	Advanced Photography 2	6
CAVA226	Advanced Photography Intensive	6
CAGD290	Design Practice	6

BCM 216	Transmedia Storytelling	6
MEDA202	Tangible Media	6

Creative Production

To declare a minor in Creative Production, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Choose TWO from the following:		
BCM 115	Introduction to Screen Media	6
CAMS103	Introduction to Audio Production	6
CAMS104	Introduction to Music Production	6
Plus TWO from the following:		
CAOS204	Sound Design	6
CAOS203	Video	6
BCM 216	Transmedia Storytelling	6
CAPA216	Lighting	6

Creative Writing

The Creative Writing Minor Study is not available to students studying the Bachelor of Creative Arts - Creative Writing Major

To declare a minor in Creative Writing, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
CACW100	Introduction to Creative Writing	6

Plus ONE from the following:		
CACW103	Editing Foundation	6
CACW104	Text and Context	6
Plus TWO from the following:		
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6
CACW231	Writing, Representation and Power	6
CACW232	Writing and Critical Theory	6

Cultural Studies

To declare a minor in Cultural Studies, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core:		
CST 120	Culture and Society	6
CST 244	The Everyday Life of Social Policy	6
CST 245	Crisis, Catastrophe and Cultural Change	6
Electives		
Plus ONE from the following:		
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	
SOC 329	Globalisation and Social Transformation	6
SOC 344	Emotions, Bodies & Society	6
SOC 347	Sociology of Health, Illness and Medicine	6
SOC 356	Cultures in Dispossession	6

Design

(This minor is suspended for 2018)

To declare a minor in Design, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
CAGD190	Design Principles	6
CAGD290	Design Practice	6
CAOS202	Word and Image	6
Plus ONE from the following:		
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
MEDA101	Introduction To Media Arts	6

Design History

The Design History Minor Study is not available to students studying the BCA Graphic Design major or BCA Visual Arts and Design major.

To declare a minor in Design History, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
CAGD231	Graphic Design and Visual Communication Theory 1	6
CAGD232	Graphic Design and Visual Communication Theory 2	6
CAGD331	New Media and Visual Communication Theory	6
CAGD332	Advanced Graphic Design and Visual Communication Theory	6

Digital and Social Media

To declare a minor in Digital and Social Media, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
BCM 112	Emergent Media	6
BCM 206	Future Networks	6
BCM 325	Future cultures	6
Plus at least ONE of the following:		
BCM 214	Digital and Social Innovation	6
BCM 215	Game Media	6
BCM 300	Game Making	6

BCM 302

Advanced Digital Media Project

6

English Language and Linguistics

To declare a minor in English Language and Linguistics, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
ELL 110	Language in Social Life	6
ELL 182	Effective Written Communication (ESB)	6
Plus TWO from the following:		
ELL 230	Communication Across Cultures	6
ELL 240	Digital Tools for Language Learning and Language Analysis	6
ELL 272	Functional Grammar and Text Analysis	6
ELL 280	Sound and meaning in language: variety, society and identity	6
ELL 330	World Englishes	6
ELL 380	Language as Evidence in Social Inquiry	6
ELL 372	Current Developments in Discourse Analysis	6

English Literatures

To declare a minor in English Literatures, students are required to complete at least 24 credit points of subjects from the schedule of the [English Literatures major](#) of which 12 credit points must be at least 200 level or higher.

Environmental Humanities

A minor in Environmental Humanities consists of 24 credit points comprising:

Subject Code	Subject Name	Credit Points
INDS205	Indigenous Peoples and the Environment	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
STS 216	Environmental Sociology and Politics	6
Plus ONE of:		
SOC 235	Living with Animals	6
HIST292	Power and Protest in Australia	6
SOC 208	Cities, Communities and Families	6
SOC 226	New Social Movements	6
GEOG222	Society and Environment: Resources, Challenges, Futures	6
STS 286	Risk, Media and Communication	6
INTS311	Human Security, Global Capitalism and the Environment	6
STS 302	Climate Change Policy, Possible Futures	6
ENGL381	Animals and Ecology in Literature and Film	6
PHIL326	Bioethics	6
CAVA332	Globalisation and Contemporary Art	6

Ethics

To declare a minor in Ethics, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
*PHIL107	Introduction to Philosophy	6
*If PHIL107 has already been taken as part of a Philosophy Major, students may instead substitute PHIL106 or PHIL151.		
**PHIL218	Ethics: Good, Bad and Evil	6
**If PHIL218 has already been taken as part of Philosophy Major, students may instead substitute PHIL256.		
PHIL226	Global Ethics	6
Plus ONE from the following:		
PHIL319	Political Philosophy: Justice, Equality and Rights	6
PHIL326	Bioethics	6
Recommended (but not required):		
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6

An Ethics Minor can be taken in conjunction with a Philosophy Major as long as there is no duplication of subjects comprising each program of study.

European Studies

To declare a minor in European Studies, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
HIST111	The Modern World	6
HIST305	Europe in World History	6

Plus TWO from the following:		
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

French

To declare a minor in French, students are required to complete four sequential language subjects in French.

A beginner student takes a minor by studying [FREN151](#), [FREN152](#), [FREN241](#) AND [FREN242](#)

An intermediate student who studied French to HSC level and who commenced university French in 2018 at second year level takes a minor by studying [FREN241](#), [FREN242](#), [FREN341](#) AND [FREN342](#). [FREN230](#) or [FREN330](#) cannot be counted towards the minor.

Subject Code	Subject Name	Credit Points
Beginner Entry		
FREN151	French for Beginners 1	6
FREN152	French for Beginners 2	6
FREN241	Intermediate French 1	6
FREN242	Intermediate French 2	6
Intermediate Entry		
FREN241	Intermediate French 1	6

FREN242	Intermediate French 2	6
FREN341	Advanced French 1	6
FREN342	Advanced French 2	6

Game Production

To declare a minor in Game Production, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
BOTH:		
BCM 215	Game Media	6
BCM 300	Game Making	6
A minimum of ONE of:		
BCM 114	Making Media	6
CACW100	Introduction to Creative Writing	6
VCD 102	Interaction Design Fundamentals	6
VAD 190	Design Principles	6
VAD 192	Design Practice	6
Plus a minimum of ONE of:		
CAOS203	Video	6
CAOS204	Sound Design	6

Gender Studies

To declare a minor in Gender Studies, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
--------------	--------------	---------------

Core		
SOC 227	Genders and Sexualities	6
Plus ONE from the following:		
SOC 344	Emotions, Bodies & Society	6
SOC 351	Men and Masculinities	6
Plus TWO from the following:		
CST 120	Culture and Society	6
ECON208	Gender, Work and the Family	6
EDUE324	Gender and Social Justice	6
ENGL379	Desiring Bodies: Gender & Sexuality in Literature & Film	6
HIST357	The Making of the Modern Australian Woman	6
HIST387	Sex and Modern History	6
LAW 303	Family Law	6
LAW 335	Anti-Discrimination Law	6
PHIL326	Bioethics	6
SOC 344	Emotions, Bodies & Society	6
SOC 347	Sociology of Health, Illness and Medicine	6
SOC 351	Men and Masculinities	6

Global Screen Media

To declare a minor in Global Screen Media, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Choose a minimum of TWO from the following:		

BCM 111	Global Media and Culture	6
BCM 112	Emergent Media	6
BCM 115	Introduction to Screen Media	6
Choose a minimum of TWO from the following:		
BCM 216	Transmedia Storytelling	6
BCM 217	Documentary	6
CAOS203	Video	6

Graphic Design

To declare a minor in Graphic Design, students are required to complete 24 credit points from the following:

Subject Code	Subject Name	Credit Points
BOTH:		
VAD 190	Design Principles	6
VAD 192	Design Practice	6
A minimum of TWO:		
VCD 201	Typography	6
CAGD231	Graphic Design and Visual Communication Theory 1	6
CAGD290	Design Practice	6
CAOS202	Word and Image	6
VCD 203	Social Impact Design	6

Indigenous Studies

To declare a minor in Indigenous Studies, students are required to complete

the following 24 credit points:

Subject Code	Subject Name	Credit Points
Students must complete ONE from the following:		
INDS130	Indigenous Knowledge in Global Contexts	6
INDS150	Introduction to Indigenous Australia	6
Plus one from the following:		
INDS207	Critical Themes in Indigenous Studies	6
INDS208	Working with Indigenous Communities	6
Plus:		
INDS305	Research and Indigenous Communities	6
Plus ONE 200 or 300 level subject from the list of electives from the major.		

Indonesian

A minor in Indonesian is only available through cross institutional study.

To declare a minor in Indonesian, students are required to complete at least 24 credit points of Indonesian subjects of which 12 credit points must be at 200 level or higher.

Students interested in undertaking this minor should discuss this with the Head of Students.

Italian

To declare a minor in Italian, students are required to complete four sequential language subjects in Italian.

A beginner student takes a minor by studying [ITAL151](#), [ITAL152](#), [ITAL241](#) and [ITAL242](#).

A student who studied Italian to HSC Level and who commenced university Italian at second year level takes a minor by studying [ITAL241](#), [ITAL242](#), [ITAL341](#) and [ITAL342](#).

Subject Code	Subject Name	Credit Points
Beginners Entry		
ITAL151	Italian for Beginners 1	6
ITAL152	Italian for Beginners 2	6
ITAL241	Intermediate Italian 1	6
ITAL242	Intermediate Italian 2	6
Intermediate Entry (Students with HSC level Italian and commencing university Italian at second year level)		
ITAL241	Intermediate Italian 1	6
ITAL242	Intermediate Italian 2	6
ITAL341	Advanced Italian 1	6
ITAL342	Advanced Italian 2	6

Japanese

To declare a minor in Japanese, students are required to complete four sequential language subjects in Japanese.

A beginner student takes a minor by studying [JAPA141](#), [JAPA142](#), [JAPA241](#) and [JAPA242](#).

A student who studied Japanese to HSC level and who commenced university Japanese in 2018 at second year level could take a minor by studying [JAPA241](#), [JAPA242](#), [JAPA343](#) and [JAPA344](#). [JAPA220](#) cannot be counted towards the minor.

Subject Code	Subject Name	Credit Points
Beginner Entry Minor		
JAPA141	Beginner Japanese 1	6

JAPA142	Beginner Japanese 2	6
JAPA241	Intermediate Japanese 1	6
JAPA242	Intermediate Japanese 2	6
Intermediate Entry - Minor 2018		
JAPA241	Intermediate Japanese 1	6
JAPA242	Intermediate Japanese 2	6
Plus any TWO from the following:*		
JAPA341	Advanced Japanese 1	6
JAPA342	Advanced Japanese 2	6
JAPA343	Advanced Japanese 3	6
JAPA344	Advanced Japanese 4	6
JAPA320	Advanced Readings in Japanese	6
* Check pre requisites prior to enrolment		
Electives		
Students may apply to enrol in the following at 200 level if they have successfully completed JAPA241. However JAPA 201 cannot be counted towards the minor:		
JAPA201	Short Term In Country Japanese Session	6
Whilst the minor will be recorded on the student's academic transcript, it will not be stipulated on the graduation testamur.		

Journalism

Students studying the Bachelor of Journalism cannot declare a Journalism minor with this degree.

To declare a minor in Journalism, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
JRNL101	Media Reporting and Storytelling 1	6
JRNL102	Convergent Media Reporting and Production	6
JRNL203	Audio Journalism Production 1	6
JRNL204	Video Journalism Production 1	6

Marketing Communication and Advertising

This version of the minor is not available to students undertaking the Bachelor of Commerce whether as a single degree or in any double degree combination. 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.

To declare a minor in Marketing Communication and Advertising, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
MARK101	Marketing Principles	6
MARK250	Advertising Practice and Creative Strategies	6
MARK221	Public Relations Concepts	6
MARK322	Corporate Identity and Branding	6

Media Arts

To declare a minor in Media Arts, students are required to complete the

following 24 credit points:

Subject Code	Subject Name	Credit Points
BCM 115	Introduction to Screen Media	6
MEDA102	Alternative Cinemas	6
BCM 216	Transmedia Storytelling	6
MEDA202	Tangible Media	6

NOTE: Students completing the 'Global Screen Media major' may not take the Media Arts Minor.

Modern History

To declare a minor in Modern History, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
HIST111	The Modern World	6
Plus ONE of the following:		
AUST101	Australian Studies: Cultures and Identities	6
OR		
AUST102	Locating Australia	6
Remainder of credit points selected from 200 and 300 level subjects offered in the History Major (excluding Ancient History Subjects)		

Music

The Music Minor Study is not available to students studying the Bachelor of Creative Arts Music major.

To declare a minor in Music, students are required to complete the following

24 credit points:

Subject Code	Subject Name	Credit Points
CAMS101	Music Skills 1	6
CAMS102	Music Skills 2	6
Plus TWO from the following:		
CAMS201	Music Studio 1	6
CAMS231	Critical Studies in Music 1	6
CAMS232	Critical Studies in Music 2	6

Philosophy

To declare a minor in Philosophy, students are required to complete at least 24 credit points of subjects from the schedule of the [Philosophy major](#) of which 12 credit points must be at least 200 level or higher.

Philosophy Of Psychology

To declare a minor in Philosophy of Psychology, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Core		
*PHIL107	Introduction to Philosophy	6
*If PHIL107 has already been taken as part of a Philosophy Major, students may instead substitute PHIL106 or PHIL151.		
PHIL234	Mind, Body and World	6
PHIL318	Stories in Our Lives: Mind, Self and Psychosis	6
Plus ONE from the following:		
PHIL227	The Meaning of Life: Absurdity and	6

	Existence	
PHIL329	Imagination and Emotion	6

A Philosophy of Psychology Minor can be taken in conjunction with a Philosophy Major as long as there is no duplication of subjects comprising each program of study.

Photography

The Photography Minor study is not available to students studying the Bachelor of Creative Arts Photography major.

To declare a minor in Photography, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Students must complete TWO from the following:		
CAVA124	Introduction to Photography 1	6
CAVA125	Introduction to Photography 2	6
CAVA126	Introduction to Photography Intensive	6
Plus TWO from the following:		
CAVA224	Advanced Photography 1	6
CAVA225	Advanced Photography 2	6
CAVA226	Advanced Photography Intensive	6

Politics

To declare a minor in Politics, students are required to complete at least 24 credit points of subjects from the schedule of the [Politics Major](#) of which 12 credit points must be at least 200 level or higher.

Students may only count one subject at 100 level and may include a maximum of one subject with an INTS prefix.

Science and Technology Studies (STS)

To declare a minor in Science and Technology Studies, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Science and Technology Studies		
Students must complete ONE from the following:		
STS 112	The Scientific Revolution	6
STS 209	Sociology of Knowledge:Theories, Methods & Practices in the Sciences	6
Plus:		
STS 216	Environmental Sociology and Politics	6
STS 286	Risk, Media and Communication	6
STS 302	Climate Change Policy, Possible Futures	6

Sociology

To declare a minor in Sociology, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
Students must complete ONE from the following:		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
Plus the following:		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
Plus ONE subject from the schedule of the Sociology major		

Spanish

To declare a minor in Spanish, students are required to complete four sequential language subjects in Spanish.:

A beginner student takes a minor by studying [SPAN151](#), [SPAN152](#), [SPAN241](#) and [SPAN242](#).

A intermediate student who had studied Spanish to HSC level and who commenced university Spanish at second year level takes a minor by studying [SPAN241](#), [SPAN242](#), [SPAN341](#) and [SPAN342](#). [SPAN230](#) cannot be counted towards the minor.

Subject Code	Subject Name	Credit Points
Beginner Entry Minor		
SPAN151	Spanish for Beginners 1	6
SPAN152	Spanish for Beginners 2	6
SPAN241	Intermediate Spanish 1	6
SPAN242	Intermediate Spanish 2	6
Intermediate Entry Minor - Students HSC level Spanish and commencing university Spanish at second year level		
SPAN241	Intermediate Spanish 1	6
SPAN242	Intermediate Spanish 2	6
SPAN341	Advanced Spanish 1	6
SPAN342	Advanced Spanish 2	6

Theatre

The Theatre Minor Study is not available to students studying the Bachelor of Performance or BCA Theatre major.

To declare a minor in Theatre, students are required to complete the following 24 credit points:

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Subject Code	Subject Name	Credit Points
CAPF111	Stagecraft 1	6
CAPF112	Stagecraft 2	6
Plus TWO from the following:		
CAPF221	Theatre Studio: Performance Workshop	6
CAPF222	Theatre Studio: Methodologies	6
CAPF231	Contemporary Theatre and Text	6
CAPF232	Contemporary Australian Theatre and its Context	6
CAPF331	Theory and Practice of Theatre in the 20th and 21st Century	6
CAPF333	Political Dramaturgy	6

Technical Theatre

The Technical Theatre Minor Study is not available to students studying the Bachelor of Performance Technical Theatre major.

To declare a minor in Technical Theatre, students are required to complete the following 24 credit points:

Subject Code	Subject Name	Credit Points
CAPA111	Stage Management	6
CAPA112	Introduction to Lighting and Sound	6
Plus ONE from the following:		
CAPA211	Technical Theatre: Production 1	6
CAPA212	Technical Theatre: Production 2	6
Plus ONE from the following:		

CAOS204	Sound Design	6
CAPA216	Lighting	6

Visual Arts

To complete a Minor Study in Visual Arts, students must complete 24cp from the following list.

The Visual Arts Minor Study is not available to students studying BCA Visual Arts major or BCA Visual Arts and Design Major.

Subject Code	Subject Name	Credit Points
A minimum of TWO		
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
Plus a minimum of TWO:		
CAOS202	Word and Image	6
MEDA202	Tangible Media	6
CAVA211	Visual Arts Studio Workshop D	6
CAVA212	Visual Arts Studio Workshop E	6
CAVA213	Visual Arts Studio Workshop F	6
CAVA224	Advanced Photography 1	6

CAVA225	Advanced Photography 2	6
CAVA226	Advanced Photography Intensive	6

OTHER INFORMATION

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

For further information email the Faculty of Law, Humanities and the Arts: lha-enquiries@uow.edu.au.

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2018 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](#).

Indigenous Studies Major | 2018

Overview

This major is available for students studying the [Bachelor of Arts](#).

Indigenous Studies is an interdisciplinary major that is designed to equip students to think reflexively about issues that impact on Indigenous individuals and communities on a local, national and global scale. Indigenous Studies emphasises the role of Indigenous people as active knowledge producers rather than simply the subjects of other people's knowledge.

Indigenous Studies is anchored in the critical study of Australian Indigenous experiences. 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 enriched through the study of international Indigenous experiences and engagement with a range of Indigenous perspectives and organisations on a global scale.

Indigenous Studies explores the controversies, complexities and contradictions that shape what it means to be Indigenous in Australia and the world today.

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.

Major Study

A major in Indigenous Studies consists of at least 48 credit points as outlined below.

The major consists of four core subjects and one capstone that all students must undertake and other elective subjects offered by the Indigenous Studies Unit together with a choice of subjects offered by other participating Faculties. Students are advised to consult with the Indigenous Studies Unit about available subjects prior to enrolment.

Subject Code	Subject Name	Credit Points
Core		
A minimum of ONE from the following:		
INDS130	Indigenous Knowledge in Global Contexts	6
INDS150	Introduction to Indigenous Australia	6
Plus:		
INDS207	Critical Themes in Indigenous Studies	6
INDS208	Working with Indigenous Communities	6
INDS305	Research and Indigenous Communities	6
INDS302	Indigenous Thinkers: Global Perspectives (capstone)	6
Plus at least THREE from the following. At least TWO must be at 300 level.		

AUST101	Australian Studies: Cultures and Identities	6
CAVA123	Australian Aboriginal Arts	6
CST 130	Cultures in Context	6
PHIL151	Logic: The Art of Reasoning	6
SOC 103	Introduction to Sociology	6
CAVA232	Contemporary Indigenous Art: Theory and Practice	6
HIST292	Power and Protest in Australia	6
INDS205	Indigenous Peoples and the Environment	6
INDS206	Indigenous Self-Representation in Contemporary Texts	6
PHIL218	Ethics: Good, Bad and Evil	6
PHIL226	Global Ethics	6
SOC 225	Youth Cultures	6
SOC 227	Genders and Sexualities	6
SOC 234	Social Research Methods	6
CST 361	Cultures of Sex, Gender and Sexuality	6
CST 371	Race and Place	6
ENGL381	Animals and Ecology in Literature and Film	6
HAS 350	Social Determinants of Indigenous Health	6
HIST351	Australian History: Moments that Matter	6
INDS303	Indigenous Youth and Popular Culture	6
INDS304	Special Topic in Indigenous Studies	6

LAW 344	Indigenous Peoples and Legal Systems	6
As one of the three elective subjects, either of the following 100 level subjects not already taken as a core can be selected:		
INDS130	Indigenous Knowledge in Global Contexts	6
INDS150	Introduction to Indigenous Australia	6

Timetables

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.

Students cannot complete both a major and minor in Indigenous Studies.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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: lha-enquiries@uow.edu.au

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2018 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](#).

International Relations Major | 2018

International relations is a vibrant, growing and constantly evolving discipline designed for students interested in careers in foreign affairs, international organisations, or any organisation that has a focus beyond Australia's borders. Students will undertake core subjects on the operation and practice of global politics, on how security is envisioned and conflict managed, and on the role of the state in the new millennium. They will partake in a model United Nations (UN), discussing ideas and brainstorming solutions to global challenges as model diplomats learning not just about the UN, but about negotiation skills and policy development. Students can choose from a range of electives covering issues from war and peace to international law and global political economy.

Major Learning Outcomes

On successful completion of this major students will be able to:

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 completing the International Relations Major will be required to complete at least 48 credit points as outlined in the following schedule:

Subject Code	Subject Name	Credit Points
Core		
INTS121	Global Politics and Power	6
INTS200	Model United Nations	6
INTS207	Conflict, Peace & Security	6
POL 309	Global Political Economy (Capstone)	6
Electives		
A minimum of FOUR from the following. At least THREE must be at 300 level		
LAW 101	Law, Business and Society	6
HIST257	The World After 1945	6
HIST293	China since 1949	6
JAPA220	The Making of a Globalised Japan	6
POL 202	Politics in the USA	6
POL 204	Politics and the Media	6
POL 221	Australian Politics	6
HIST358	War and Society	6
HIST359	Empires Colliding: Britain and USA	6
INTS311	Human Security, Global Capitalism and the Environment	6
INTS352	Special Topics in International Relations	6
LAW 343	International Law	6
LAW 354	Human Rights Law	6

POL 304	Power and the State	6
POL 306	Complex Peace Operations	6
POL 311	Politics of the Middle East	6
POL 310	Twentieth Century Dictatorships	6
POL 326	Global Inequality	6
SOC 356	Cultures in Dispossession	6

Timetables

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 (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.

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.

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](#).

Other Information

For further information email: 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](#).

Italian Major | 2018

The major is available for students studying the [Bachelor of Arts](#), or as a secondary major in the [Bachelor of International Studies](#).

This major provides a course of study which allows any student, regardless of their background in the discipline, to include in their degree a specialisation in Italian.

A major in Italian allows students to study Italian language, literature, history and culture either as beginners or advanced learners. Students who enter the major at post-HSC (or advanced) level, will be exempted from some language subjects.

Major Learning Outcomes

On successful completion of this major 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

Beginner Entry

A major in Italian for beginners or near beginners consists of a minimum of 54 credit points as set out below.

Native speakers or students who have completed their compulsory education in a country where the language is spoken are ineligible to undertake Beginner 1 or Beginner 2 subjects in Italian, and should begin their language studies at the Intermediate (or higher) levels.

Native speakers are encouraged to contact the Italian program or the Discipline Leader of Languages and Linguistics before enrolling.

Intermediate Entry - Strong 2 Unit HSC pass or equivalent students

Students who have achieved a strong 2 Unit HSC pass or equivalent may choose to enter the language sequence at the level of [ITAL241](#) and complete a 48 credit point major comprising 18 credit points at 200 level and 30 credit points at 300-level, as set out below.

All students entering the Italian major at the level of [ITAL152](#) or above must obtain approval from Italian Program or the Languages and Linguistics Discipline Leader.

Native or Near-native Speaker Entry

Native or near-native speakers, whose major also consists of 48 credit points, may be granted waivers for [ITAL241](#) and [ITAL242](#). Such waivers will be granted only at the time of first enrolment in Italian, in accordance with the Program's policy and with the formal approval of the Italian Program and the Languages and Linguistics Discipline Leader. Replacement subjects, to make up the 48 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at university level in accordance with established University of Wollongong guidelines.

Subject Code	Subject Name	Credit Points
Core		
Beginner Entry		
ITAL151	Italian for Beginners 1	6
ITAL152	Italian for Beginners 2	6
Intermediate Entry**		
ITAL230	Italy: Past and Present	6

ITAL241	Intermediate Italian 1	6
ITAL242	Intermediate Italian 2	6
ITAL341	Advanced Italian 1	6
ITAL342	Advanced Italian 2	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following:		
ITAL330 **	Advanced Studies in Italian	6
LANG335 **	Literature and Society in Renaissance Europe	6
**Students commencing study at 200 level must take both ITAL330 and LANG335		
Study Abroad/Exchange Subjects		
<p>The following are offered subject to availability. They do not count towards the Italian major, but may be taken as electives. Entry to Study Abroad subjects requires the formal approval of the Italian Program or the Languages and Linguistics Discipline Leader.</p>		
Study Abroad / Exchange		
ITAL217	In country language study	6
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6
Electives		
ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6

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) or/and an English Language and Linguistics minor.

Timetables

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 consisting of four sequential language subjects is available.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

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.

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. Diploma in Languages

Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for further information.

Honours

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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Japanese Major | 2018

The major is available for students studying the [Bachelor of Arts](#), or as a secondary major in the [Bachelor of International Studies](#).

The study of Japanese focuses on developing the linguistic skills necessary to understand Japanese ways of life, and how the past affects the present. It also aims to facilitate intercultural understanding and competence for the increasingly globalised world and workplace.

Students may begin their Japanese language studies at the Beginner or Intermediate levels depending on their language proficiency.

Major Learning Outcomes

On successful completion of this major 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.

Major Study

Beginner Entry

Students with no previous study of Japanese and those who took Japanese Beginners at NSW HSC level (or equivalent in other states) commence their studies at the Beginner level ([JAPA141](#)) in Autumn semester. The Beginner stream assumes no prior knowledge of the language. For students commencing studies at the Beginner level, the major in Japanese consists of at least 54 credit points.

The Japanese program does not offer language subjects suitable for native Japanese language speakers.

Subject Code	Subject Name	Credit Points
Core Beginner Entry		
JAPA141	Beginner Japanese 1	6
JAPA142	Beginner Japanese 2	6
JAPA241	Intermediate Japanese 1	6
JAPA242	Intermediate Japanese 2	6
JAPA220	The Making of a Globalised Japan	6
JAPA320	Advanced Readings in Japanese	6
LANG370	The Language Advantage (Capstone)	6
Plus ONE from the following:		
JAPA341	Advanced Japanese 1	6
JAPA343	Advanced Japanese 3	6
Plus ONE from the following:		
JAPA342	Advanced Japanese 2	6
JAPA344	Advanced Japanese 4	6

Intermediate Entry

Students who took Japanese Continuers or Extension at the HSC level enter at the Intermediate level [JAPA241](#) in Autumn 2018 semester. All students who wish to enter directly into Intermediate level must consult with the

appropriate Subject Co-ordinator. Some students will need to take a placement test. For students commencing studies at the Intermediate level in 2018, the major in Japanese consists of at least 54 credit points.

Subject Code	Subject Name	Credit Points
Core Intermediate Entry		
JAPA220	The Making of a Globalised Japan	6
JAPA241	Intermediate Japanese 1	6
JAPA242	Intermediate Japanese 2	6
JAPA320	Advanced Readings in Japanese	6
JAPA341	Advanced Japanese 1	6
JAPA342	Advanced Japanese 2	6
JAPA343	Advanced Japanese 3	6
JAPA344	Advanced Japanese 4	6
LANG370	The Language Advantage (Capstone)	6
Plus students may complete the following if they obtain permission from the Japanese Program:		
JAPA201	Short Term In Country Japanese Session	6
JAPA217	In Country Language Study	6
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6

Electives:

Japanese language studies are available as an elective for all non-native Japanese background students. Students with no prior Japanese language studies who wish to take Japanese as an elective may take:

- [JAPA141](#) Beginner Japanese 1 in Autumn session: or
- [JAPA101](#) An Introduction to Japanese in Summer session (when on offer);
- [JAPA102](#) Japanese Studies for Educational Purposes in Spring (when on offer); or
- [JAPA103](#) Japanese Studies for Business Purposes in Spring (when on offer).

[JAPA101](#), [JAPA102](#) and [JAPA103](#) are for students who are interested in basic Japanese for travelling, teaching or business purposes. They are not pre requisites for any subject in the Japanese minor or major and nor can they be counted towards a minor or major in Japanese. Only ONE of these subjects (that is, [JAPA101](#), [JAPA102](#) or [JAPA103](#)) can be credited to a degree. Students who wish to continue their Japanese language studies will need to take [JAPA141](#) in Autumn semester even if they have completed [JAPA101](#), [JAPA102](#) or [JAPA103](#).

[JAPA220](#) (The Making of a Globalised Japan) is available as an elective subject for students from other disciplines who wish to familiarise themselves with Japanese civilisation and society.

Study Abroad

Study Abroad opportunities are available to students wishing to pursue language or Japan-related studies in Japan. Scholarships, awarded on academic performance, are also available.

Suitably qualified graduates with a major in Japanese wishing to pursue further language studies at a Japanese university may apply for the Graduate Diploma in Arts (Japanese) (UOW Course Code: 2605). Applications to both Future Students and the Office of Global Student Mobility are required.

Subjects that are complementary (but not required)

Students who are interested more generally in how language and communication work may wish to take [ELL 110](#) (Language in Social Life), [ELL 230](#) (Communication Across Cultures) &/or an English Language and Linguistics (ELL) minor.

Timetables

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 consisting of four sequential language subjects is available.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

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Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for further information.

Honours

Honours in Japanese is available to high-achieving students with a major in Japanese, and may be incorporated into or alongside a program of study in Japan.

See [Bachelor of Arts \(Honours\)](#).

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](#)

Other Information

For further information email: lha-enquiries@uow.edu.au

Last reviewed: 7 February, 2018

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2018 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 | 2018

This major is available for students studying the Bachelor of Arts.

Philosophy engages with the most fundamental questions and puts you into dialogue with the greatest thinkers who have tried to answer them. It asks: What is the good life? How should we treat others and the environment? What makes an action morally good? What is a person? How do minds fit in nature? Can we know anything with certainty? What is social justice? Which rights matter in a fair society?

By studying Philosophy you will improve your analytical reasoning skills, broaden and deepen your understanding of foundational topics and learn how to respect and value diverse points of view. You will acquire skills in independent thinking and gain experience in analysing and carefully assessing arguments and ideas on a wide range of topics. These are highly marketable graduate qualities, sought after by employers.

Major areas of study at UOW include ethics; political philosophy; theory of knowledge; philosophy of mind; phenomenology and existentialism; metaphysics; philosophy of language and philosophy of science.

Major Learning Outcomes

On successful completion of this major students will be able to:

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

Philosophy consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
PHIL107	Introduction to Philosophy	6
PHIL218	Ethics: Good, Bad and Evil	6
PHIL219	Knowledge, Science and Understanding	6
PHIL328	Philosophy at Work (Capstone)	6
Plus a minimum of FOUR from the following. At least THREE must be at 300 level:		
PHIL226	Global Ethics	6
PHIL227	The Meaning of Life: Absurdity and Existence	6
PHIL234	Mind, Body and World	6
PHIL235	International Studies in Philosophy	6
PHIL236	Philosophy in Film and Literature	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
PHIL318	Stories in Our Lives: Mind, Self and Psychosis	6
PHIL319	Political Philosophy: Justice, Equality and Rights	6
PHIL320	Philosophy of Health and Happiness	6

PHIL326	Bioethics	6
PHIL327	Special Philosophical Questions	6
PHIL329	Imagination and Emotion	6
PHIL336	Philosophy: East and West	6

Students may also like to complement their Philosophy studies with the electives [PHIL106](#) Media, Art and Society and/or [PHIL151](#) Logic: The Art of Reasoning.

Timetables

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 [minor](#) in Philosophy is available and consists of at least 24 credit points of subjects from the schedule of the Philosophy major. At least 12 credit points must be at 200 level or higher.

Work Integrated Learning

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#)

Other Information

For further information email: lha-enquiries@uow.edu.au

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Photography Major | 2018

This major is available for students studying the [Bachelor of Arts](#).

The Photography major will equip you with the technical, conceptual and theoretical skills to embark on a career as a practicing visual artist or in other related fields such as commercial, documentary or multi-media photography and design. The course will cultivate informed practitioners through visual experiences and critical thinking.

You will undertake a range of studies in diverse studio subjects including digital photography and Photoshop, printing, studio lighting (portraiture and still life), fieldwork site and context, photo- assemblage and series and photography in the expanded field of new technologies (including audio and the moving image).

You will develop practical studio skills alongside an understanding of traditions and concepts relevant to photography in historical, theoretical and contemporary visual art contexts. You will study under the guidance of some of Australia's leading contemporary photographic practitioners and scholars.

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Major Learning Outcomes

On successful completion of this major students will be able to:

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;

- Evaluate key historical and theoretical debates that have shaped contemporary art and apply insights to personal practice.

Major Study

A major study in Photography consists of 48 credit points comprised of the subjects outlined below.

Subject Code	Subject Name	Credit Points
Core		
CAVA124	Introduction to Photography 1	6
CAVA125	Introduction to Photography 2	6
CAVA224	Advanced Photography 1	6
CAVA225	Advanced Photography 2	6
CAVA324	Advanced Photography 3	6
CAVA390	Visual Arts Major Project (capstone)	12
Plus ONE from the following:		
CAVA331	Contemporary Artworlds	6
CAVA332	Globalisation and Contemporary Art	6

Timetables

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.

Note that students cannot complete both a Major and a Minor in Photography.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Creative Arts \(Honours\)](#).

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](#).

Other Information

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Politics Major | 2018

This major is available for students studying the [Bachelor of Arts](#).

The discipline of politics employs an exciting, vibrant and constantly changing body of ideas, approaches and methods to study the distribution of power and the workings of government and international organisations. The Politics major offers subjects in political theory, international relations, global development, political economy, peace and conflict, Australian politics, American politics, the Middle East, popular culture and media. Students are encouraged to study as broadly as possible across the subject areas offered.

The purpose of the major is to acquaint students with key areas of politics as a discipline. Politics can and does occur at many levels, from international relations to the nation state, from local communities to the individual. In a Politics major students examine different forms of power as expressed in government, international relations, money, political economy, culture, class, gender and ethnicity. A particular focus is on the nature of power and authority, and the creation of social consensus which underpins both state and global order.

The study of politics is not just to do with contemporary political ideas and debates, it 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, a Politics major engages students with choices about how to live life and how best to contribute to society. A Politics major equips students with the research, analysis and communication skills desired by public sector employers, as well as private and non-profit organisations, both domestically and internationally.

Major Learning Outcomes

On successful completion of this major students will be able to:

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.

Major Study

A major in Politics consists of at least 48 credit points outlined below.

Subject Code	Subject Name	Credit Points
Core		
POL 150	Government, Power and Political Systems	6
INTS206	Methods in International Studies and Politics	6
POL 304	Power and the State (Capstone)	6
Electives		
Plus 30 credit points from the following. At least 18 credit points must be at 300 level.		
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

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
Students may substitute up to TWO from the following in their electives:		
INTS121	Global Politics and Power	6
INTS200	Model United Nations	6
INTS204	Global Aid and Development: Challenges and Prospects	6
INTS207	Conflict, Peace & Security	6
STS 302	Climate Change Policy, Possible Futures	6

Timetables

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.

Students cannot complete both a major and minor in Politics.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the

testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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 \(Honours\)](#).

Entry Requirements & Credit Arrangements

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Other Information

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Science and Technology Studies Major | 2018

This major is available to students studying the Bachelor of Arts. Want to know more about the role played by science and technology in the development of modern societies? Are you interested in environmental and social justice issues?

Science & Technology Studies (STS) at UoW is the oldest program of its kind in Australia and has an international reputation for producing high-quality, socially-relevant research. It covers:

- ▣ Sociology of Science, Technology & Medicine
- ▣ Environmental Sociology & Politics
- ▣ Science & Technology Policy
- ▣ History & Philosophy of Science, Technology & Medicine

In STS you can study everything from Galileo's conflict with the Church over his sun-centred theory of the cosmos, to international laws relating to biotechnology and nanotechnology regulation. Other topics covered in STS include the public understanding of science, the role of technical experts in contemporary societies, local and international responses to climate change, and democratic participation in decision-making about controversial scientific, technical and environmental issues.

Whether you are enrolled in any kind of Arts, Science, Engineering, Social Science or Business degree, you can do a minor in STS and get credit points toward your degree program. Students enrolled in either a Bachelor of Arts or Bachelor of Communication and Media Studies degree can pursue STS as a single major or in combination with another major or specialisation.

Specialisation in STS opens pathways to careers in academia, teaching, science communication, journalism, law, policy development, politics and museum studies. Numerous STS graduates from UoW have gone on to build successful careers in all of these areas and more.

Major Learning Outcomes

On successful completion of this major students will be able to:

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

A major in Science and Technology Studies consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
A minimum of ONE from the following:		
STC 100	Society, Culture and Technology	6
STS 112	The Scientific Revolution	6
Plus a minimum of TWO of the following:		
STS 209	Sociology of Knowledge:Theories, Methods & Practices in the Sciences	6
STS 216	Environmental Sociology and Politics	6
STS 286	Risk, Media and Communication	6
Plus:		
STS 302	Climate Change Policy, Possible Futures (Capstone)	6
Plus at least FOUR from the following. THREE must be 300		

level:		
CST 244	The Everyday Life of Social Policy	6
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
SOC 251	Genetics, Biotechnology and Society	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state'	6
SOC 329	Globalisation and Social Transformation	6
SOC 344	Emotions, Bodies & Society	6
SOC 347	Sociology of Health, Illness and Medicine	6
INTS311	Human Security, Global Capitalism and the Environment	6
Either:		
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6

Timetables

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 [minor](#) in Science and Technology Studies (STS) is available and consists of at least 24 credit points from the schedule of the STS major. The minor must include at least 12 credit points at 200 level or higher and must include at least three STS subjects.

Students cannot complete both a major and minor in STS.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an Application to Declare or Change Intended Major/Minor.

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.

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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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Sociology Major | 2018

Overview

This major is available for students studying the [Bachelor of Arts](#).

Sociology is the study of society. It examines social life, cultural and social change, and the social causes and consequences of human behaviour. Sociology involves asking questions about human life and society, developing understandings of our diverse and rapidly changing world, and identifying the causes of and solutions to social problems. Study sociology to learn key research skills, engage with social issues, and expand your world.

By acquiring sociological skills students develop the ability to analyse a wide variety of social processes, institutions, causes of social change, and the structures of groups and societies. Specific areas of study include social theory and social research methods; social policy and the state; gender, sexuality and the body; crime and punishment; race and ethnicity; social class; families and intimacy; social interaction; social movements; globalisation, development, and social change; and media and popular culture. The Sociology Program at the Faculty of Law, Humanities and the Arts organises these areas thematically, allowing students to navigate their own path through the curriculum, and consolidate in areas of interest over the course of the degree.

Sociology is an exciting area of study, taught with passion, and providing expanding opportunities for a wide range of career paths including:

- All levels of government: graduate entry programs, industrial relations, criminal justice, policy development, implementation and evaluation, case management, work with youth or the elderly, urban planning,

administration, migrant and multicultural affairs;

- Community and non-profit organisations: administration, overseas aid and development agencies, social research, policy development, lobbying, environmental campaigns;
- Business: consumer/social research, public relations, marketing, publishing, journalism, personnel work, training;
- Academic work: University and TAFE teaching, research assistant work.

Major Learning Outcomes

On successful completion of this major students will be able to:

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.

Major Study

A major in Sociology consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
Students must complete ONE from the following:		
SOC 103	Introduction to Sociology	6
SOC 104	Investigating Society	6
Plus:		
SOC 207	Introduction to Social Theory	6
SOC 234	Social Research Methods	6
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state' (Capstone)	6
Students must complete at least FOUR from the following. At		

least THREE must be at 300 level:		
CST 244	The Everyday Life of Social Policy	6
SOC 208	Cities, Communities and Families	6
SOC 225	Youth Cultures	6
SOC 226	New Social Movements	6
SOC 227	Genders and Sexualities	6
SOC 247	Punishment: Purpose, Practice, Policy	6
SOC 248	Everyday Interaction	6
SOC 251	Genetics, Biotechnology and Society	6
SOC 252	Multicultural Cities	6
SOC 238	Happiness: Investigating its Causes and Conditions	6
STS 209	Sociology of Knowledge: Theories, Methods & Practices in the Sciences	6
STS 216	Environmental Sociology and Politics	6
CST 361	Cultures of Sex, Gender and Sexuality	6
CST 371	Race and Place	6
SOC 352	Power, Resistance and Society	6
SOC 329	Globalisation and Social Transformation	6
SOC 344	Emotions, Bodies & Society	6

SOC 347	Sociology of Health, Illness and Medicine	6
SOC 351	Men and Masculinities	6
SOC 356	Cultures in Dispossession	6

Timetables

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.

Students cannot complete both a major and minor in Sociology.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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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

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

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Spanish Major | 2018

The major is available for students studying the [Bachelor of Arts](#), or as a secondary major in the [Bachelor of International Studies](#).

Spanish is spoken by more than 400 million people worldwide in 22 countries. The main goal of the study of Spanish is to develop students' communication skills in the Spanish language and their understanding of the cultures of Spain and Spanish-speaking Latin America.

The major in Spanish is to provide a course of study which allows any student, regardless of their background in the discipline, to include in their degree a specialisation in Spanish.

Major Learning Outcomes

On successful completion of the Spanish major 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.

Major Study

Beginner Entry

A major in Spanish for beginners or near beginners consists of a minimum of 54 credit points, as set out below.

Native speakers or students who have completed their compulsory education in a country where the language is spoken are ineligible to undertake Beginner 1 or Beginner 2 subjects in French, Italian, Japanese or Spanish and should begin their language studies at the Intermediate (or higher levels).

Native speakers are encouraged to contact the Discipline Leader of Languages and Linguistics before enrolling.

Intermediate Entry: strong 2 Unit HSC pass or equivalent

Students who have achieved a strong 2 Unit HSC pass or equivalent may choose to enter the language sequence at the level of [SPAN241](#), and complete a 48 credit point major comprising 18 credit points at 200-level and 30 credit points at 300-level, as set out below.

All students entering the Spanish major at the level of [SPAN152](#) or above must obtain formal approval from the Languages and Linguistics Discipline Leader.

Native or Near-native Speaker Entry

Native or near-native speakers, whose major also consists of 48 credit points, may be granted waivers for [SPAN241](#) and [SPAN242](#). Such waivers will be granted only at the time of first enrolment in Spanish, in accordance with the Program's policy and with the formal approval of the Spanish Program and the Languages and Linguistics Discipline Leader. Replacement subjects to make up the 48 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at university level in accordance with established University of Wollongong guidelines.

Subject Code	Subject Name	Credit Points
Core		
Beginner Entry		
SPAN151	Spanish for Beginners 1	6
SPAN152	Spanish for Beginners 2	6
Intermediate Entry		
SPAN230	The Hispanic World	6

SPAN241	Intermediate Spanish 1	6
SPAN242	Intermediate Spanish 2	6
LANG370	The Language Advantage (Capstone)	6
SPAN341	Advanced Spanish 1	6
SPAN342	Advanced Spanish 2	6
Plus ONE from the following*:		
LANG335	Literature and Society in Renaissance Europe *	6
SPAN330	Advanced Studies in Spanish *	6
*Students commencing study at 200 level must take both LANG335 and SPAN330		
Study Abroad/Exchange Subjects:		
The following are offered subject to availability. They do not count towards the major in Spanish, but may be taken as electives. Entry for Study Abroad/Exchange subjects requires the formal approval of the Spanish Program or the Languages and Linguistics Discipline Leader.		
SPAN217	In-country language study	6
LANG380	Language Study Abroad 2	6
LANG390	Language Study Abroad 3	6
Subjects that are complementary (but not required).		
Students who are interested more generally in how language and communication work may wish to take ELL 110 (Language as a cultural tool), ELL 230 (Communication across cultures) or an ELL minor.		
ELL 110	Language as a Cultural Tool	6
ELL 230	Communication Across Cultures	6
LANG364	Advanced Studies in Language/Culture 1	6
LANG365	Advanced Studies in Language/Culture 2	6

Timetables

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 consisting of four sequential language subjects is available.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

Diploma in Languages

Students who wish to undertake a Diploma concurrently with their Bachelors Degree course should refer to the [Diploma in Languages](#) for further information.

Honours

See [Bachelor of Arts \(Honours\)](#).

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

This Major is available for students studying the [Bachelor of Arts](#).

This major focuses on the study of literature from various periods and literary practice, and the practical application of this study through creative writing. You will develop analytical skills, critical understanding and the ability to create your own pieces of writing.

You will also be exposed to a wide range of texts, with an emphasis on critical understanding and the practical formation of writing. This major may be combined with any other approved [Bachelor of Arts](#) major. Creative industries such as journalism, publishing, advertising, television and other media want the skills you will acquire in this major such as effective written communication, analytical and critical thinking skills.

Major Learning Outcomes

On successful completion of this major students will be able to:

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

A major in Writing and English Literatures consists of at least 60 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
CACW100	Introduction to Creative Writing	6
CACW104	Text and Context	6
ENGL271	The Romantics	6
CACS331	Contemporary Theory and Research Practice	6
CACW301	Writing Across Borders	6
ENGL361	The Modernists	6
ENGL379	Desiring Bodies: Gender & Sexuality in Literature & Film	6
ENGL383	Contemporary Fiction and Film (capstone)	6
Plus ONE from the following:		
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6
Plus ONE from the following:		
CACW231	Writing, Representation and Power	6
CACW232	Writing and Critical Theory	6
ENGL300	Shakespeare and Renaissance Literature	6
ENGL378	Special Topic in English Literature	6

ENGL381	Animals and Ecology in Literature and Film	6
ENGL382	Social Justice and Children's Literature	6

Timetables

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](#) is available in English Literatures.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded on their transcript, students need to declare their minor study by submitting an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

This major is available for students studying the Bachelor of Communication and Media, or as a secondary major for students in the Bachelor of Arts.

The Digital and Social Media major will enable students to build a future-facing portfolio of skills combining digital media production, innovation, entrepreneurship, and high-level critical and creative thinking. Students will work with a variety of media technologies, and test their ideas in real-world self-driven media projects. Students will graduate as digital media change-makers, proficient in content production, curation and analysis, and ready for careers in social media, digital communication and creative entrepreneurship.

Subjects Required for Major Study

A major in Digital and Social Media consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Year 1		
BCM 112	Emergent Media	6
Year 2		

BCM 206	Future Networks	6
BCM 214	Digital and Social Innovation	6
BCM 215	Game Media	6
Year 3		
BCM 300	Game Making	6
BCM 302	Advanced Digital Media Project	6
BCM 303	Collaborative Production Workshop	6
BCM 325	Future cultures	6

Timetables

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.

Note that students cannot complete both a major and a minor in Digital and Social Media.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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.

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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](#).

Global Screen Media Major | 2018

This major is available for students studying the Bachelor of Communication and Media, the Bachelor of International Studies, or as a secondary major for students in the Bachelor of Arts.

The Global Screen Media major offers students a foundation in digital screen media in a global context. This major combines practical focus on screen production with analysis of the global political and social justice issues that shape contemporary media practice. Students have the opportunity to explore international cultures and to develop skills in critical thinking and digital screen media. This major prepares graduates for a diverse range of careers in the international creative media industries.

Subjects Required for Major Study

A major in Global Screen Media consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Year 1		
BCM 115	Introduction to Screen Media	6
Year 2		

BCM 216	Transmedia Storytelling	6
BCM 217	Documentary	6
BCM 289	Transnational Media and Culture Industries	6
Year 3		
BCM 303	Collaborative Production Workshop	6
BCM 304	Global Screen Project	6
BCM 322	Global Media Interventions	6
Plus a minimum of ONE of the following:		
BCM 320	Digital Asia	6
BCM 331	Australian Content, Global Context	6
BCM 333	Hollywood and Beyond: Film festival and genre in global context	6

Timetables

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.

Students cannot complete both a major and a minor in Global Screen Media.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an

[Application to Declare or Change Intended Major/Minor.](#)

Work Integrated Learning

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.

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.

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

This major is available for students studying the Bachelor of International Studies.

With 2.4 billion people on the planet living on less than US \$2 a day, poverty and inequality are two of the biggest challenges of our time. Equally, environmental change is a major concern that will impact human activity for the foreseeable future.

Students undertaking this major will acquire knowledge of the key theories, approaches and practices for promoting human development in the post-World War II period. In core subjects they will study the ethical debates about key global challenges and explore the interaction between human and environmental security. In elective subjects, students can specialise in environmental issues from a range of different disciplinary perspectives or they can focus on issues of development from an economic perspective.

The Global Sustainable Development major is available to students in the Bachelor of International Studies (BIntSt).

Subjects Required for Major Study

Students will be required to complete at least 48 credit points as outlined in the following schedule:

Subject	Subject Name	Credit
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Code		Points
Core		
INTS121	Global Politics and Power	6
INTS204	Global Aid and Development: Challenges and Prospects	6
PHIL226	Global Ethics	6
INTS311	Human Security, Global Capitalism and the Environment	6
Electives		
Plus at least FOUR from the following, including at least THREE at 300-level:		
ECON100	Economic Essentials for Business	6
INDS130	Indigenous Knowledge in Global Contexts	6
ECON208	Gender, Work and the Family	6
INTS200	Model United Nations	6
INDS207	Critical Themes in Indigenous Studies	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
ECON303	Economic Development Issues	6
HIST359	Imperial Connections: Britain's Empire	6
INDS302	Indigenous Thinkers: Global Perspectives	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 in Dispossession	6
STS 302	Climate Change Policy, Possible Futures	6

Timetables

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

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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.

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

See [Bachelor of International Studies \(Honours\)](#).

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 | 2018

This major is available to students enrolled in the [Bachelor of Communication and Media](#), or as a secondary major in the [Bachelor of Arts](#).

The Journalism major will enable students to develop high level skills in reporting and storytelling for a rapidly evolving media landscape. It will encourage students through practical experiences in journalism practice to acquire the necessary conceptual and transferable skills to create multimedia content for a wide range of purposes.

Major Study

A major in Journalism consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core		
JRNL101	Media Reporting and Storytelling 1	6
JRNL102	Convergent Media Reporting and Production	6
JRNL203	Audio Journalism Production 1	6
JRNL204	Video Journalism Production 1	6

BCM 303	Collaborative Production Workshop	6
JRNL301	Data Journalism Research and Investigation	6
JRNL307	Feature Storytelling	6
JRNL315	Journalism Project	6

Timetables

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.

Students cannot take both a major and a minor in Journalism.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) 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.

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.

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](#).

Other Information

For further information email: lha-enquiries@uow.edu.au

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Visual Communication Design Major | 2018

This major is available for students enrolled in the Bachelor of Communication and Media, and as a second major in the Bachelor of Arts.

The Visual Communications Design Major will introduce students to a range of design principles and practice in a contemporary regional and global context. Students will be encouraged to bring new vision to the graphic language of communication through typography, social impact design, spatial design, interaction design, underpinned by methods of design thinking and process. They will learn how to apply design principles to develop creative solutions and enhance innovation. This major will engage students with a range of projects that explore the media and technology forms that are relevant to contemporary and emerging design practice.

Subjects Required for Major Study

A major in Visual Communication Design consists of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Year 1		
VCD 101	Introduction to Visual Foundation	6

VCD 102	Interaction Design Fundamentals	6
Year 2		
VCD 201	Typography	6
VCD 203	Social Impact Design	6
Year 3		
BCM 303	Collaborative Production Workshop	6
VCD 301	Professional Design Practice	6
VCD 302	Motion Design	6
VCD 390	Advanced Design Project	6

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.

Timetables

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](#).

Minors

Students completing the Visual Communication Design Major may be interested in one of the minors available in the [Bachelor of Communication and Media](#), the [Bachelor of Arts](#), or the [Bachelor of Creative Arts](#).

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Work Integrated Learning

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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](#) (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.

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](#).

Other Information

For further information email: 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 Arts - Bachelor of Commerce | 2018

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

Double degrees aim to broaden a student's knowledge and skill base and improve career options in competitive, increasingly interactive fields. You can choose from a range of major studies in the Bachelor of Arts - including languages - and add the business training from a Bachelor of Commerce 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. 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 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.

The 216 credit points shall include:

- a. the core subjects (including the capstone subject) from the [Bachelor of Commerce](#);
- b. at least one major from the [Bachelor of Commerce](#);
- 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. 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;
 - at least one of the majors listed in the [Bachelor of Arts](#);
 - a second major (minimum 48cp and maximum 60cp), or a minor (minimum 24cp), from within the Faculty of Law, Humanities and the Arts.

- d. Electives to bring the total credit points to 216; and
- e. No more than 90 credit points of 100-level subjects;

Timetables

To find out specific information on timetables, tutorials, and classes, visit the [Timetable page](#).

Majors

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 on offer.

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

Minors

Students can take Minors as part of their double degree program provided they meet the requirements set. [Minor](#) studies consist of a minimum of 24 credit points of which at least 12 credit points are at 200 level or higher.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

Work Integrated Learning

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.

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](#) (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 in the relevant major are encouraged to proceed to the Honours degree in either the [Bachelor of Arts \(Honours\)](#) or the [Bachelor of Commerce \(Honours\)](#). Honours may be undertaken by students who meet the requirements for enrolment. Please refer to the Honours handbook pages for the single degrees for further information about these degrees.

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 (Psychology) - Bachelor of Commerce | 2018

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)
Year 1			
Psychology			
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
Commerce			
COMM101	Principles of Responsible Business	6	Autumn, Spring
ECON100	Economic Essentials for	6	Autumn,

	Business		Spring
FIN 111	Introductory Principles of Finance	6	Autumn, Spring, Summer 2018/2019
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2018/2019
Year 2*			
Psychology			
PSYC231	Personality	6	Autumn
PSYC234	Biological Psychology and Learning	6	Autumn
PSYC250	Quantitative Methods in Psychology	6	Autumn
PSYC236	Cognition and Perception	6	Spring
PSYC241	Developmental and Social Psychology	6	Spring
Commerce			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2018/2019
<p>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.</p>			
ACCY112	Accounting In Organisations	6	Autumn, Spring,

			Summer 2018/2019
ECON102	Economics and Society	6	Autumn, Spring
MGNT102	Business Communications	6	Autumn, Spring, Summer 2018/2019
OPS 113	Business Oriented Information Systems	6	Spring
Year 3*			
Psychology			
PSYC324	Assessment and Intervention	6	Autumn First Offered 2019
<i>18 credit points of Psychology elective subjects at 300-level (refer to BA(Psychology) single degree for subject choices).</i>			
Commerce			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Year 4*			
Commerce			
<i>24 credit points of Commerce subjects as required for the selected Commerce major.</i>			
Specified Arts elective:			
<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
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 Business, Social Sciences, Law Humanities and the Arts or the [General Schedule](#).

Year 5*

Commerce capstone subject:

COMM331	Integrative Business Capstone	6	Autumn, Spring
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Electives

18 credit points of elective subjects chosen from Business, Social Sciences, Law Humanities and the Arts 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 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

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2018 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 - Bachelor of Laws | 2018

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 South Western Sydney / 751218

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

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Arts - Bachelor of Laws degree offers a range of choices to those interested in humanities and social sciences and includes modern languages.

For the first year of the double degree, students enrol in law subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in Law subjects and subjects from the School of Humanities and Social Inquiry.

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 Undergraduate Course Handbook page of each individual degree for a comprehensive list of degree course learning outcomes. Further information about major learning outcomes for the BA is available under the relevant BA major page in the [Undergraduate Course Handbook](#).

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 Course Program below;
2. elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule;
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](#);
 - b. a second major (minimum 48cp and maximum 60cp), or a minor (minimum 24cp), from within the Faculty of Law, Humanities and the

Arts.

Note:

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

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
LLB2220	Property Law	6
LLB2230	Administrative Law	6
LLB2270	Equity and Trusts	6
LLB2280	Constitutional Law	6
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
Year 3		
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 Arts or Faculty of Law, Humanities and the Arts		
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
1 LLB Elective		
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		
Year 5		
3 LLB Electives		
LLB3399	Law, Justice and Professional Practice	3
Subjects from the Bachelor of Arts or Faculty of Law, Humanities and the Arts		

Law Electives

Students must successfully complete elective subjects to the value of 30 credit points from the Bachelor of Laws Elective Law Schedule - see [Bachelor of Laws \(Graduate Entry\)](#). As shown on the schedule, a number of Sociology and Science and Technology elective subjects are available to be completed as electives for the Bachelor of Laws. However, the credit points may not be counted towards the Bachelor of Arts component of the double degree if they are being used as electives in the Law degree.

Students considering taking these subjects as electives for the Bachelor or Laws course should speak with the Head of Students in Law, as this may impact on your credit point accrual.

Timetables

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:

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.

The full range of LLB electives may not be offered at South Western Sydney Campus and students may need to travel to Wollongong campus to study particular electives.

For enquiries regarding course transfers between Wollongong and South Western Sydney Campuses, please contact the Head of Students.

Major and Minors

Majors are not available in the Bachelor of Laws degree.

As part of the Bachelor of Arts, students will complete at least one major, along with either as second BA major or a minor.

Information on the majors and minors available in the Bachelor of Arts are available on the Bachelor Arts Course Handbook Page.

Compulsory Work Placement / Online Components

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.

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.

Honours

Bachelor of Laws

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

Bachelor of Arts

Students seeking to pursue an Honours degree in Arts should refer to the information on the Bachelor of Arts (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

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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
Delivery Mode:	On-campus
Delivery Campus / UAC Code:	Wollongong / 751200

Overview

Students may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Arts (Psychology) - Bachelor of Laws degree provides an opportunity for students to combine their interest in law with behavioural sciences.

For the first year of the double degree, students enrol in Law subjects as prescribed in the table below.

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:

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 [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 (Psychology) - Bachelor of Laws, a candidate must successfully complete at least 240 credit points, comprised of:

- a. All compulsory Law subjects as set out in the table below;
- b. 30 credit points from the Bachelor of Laws Elective Law Schedule - see

Bachelor of Laws (Graduate Entry);

- c. 78 credit points of Psychology subjects as set out in the table below;
- d. 6 credit points chosen from PHIL 107, [SOC 103](#), or PHIL 151;
- e. 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.

Note: Students in this degree are not required to take LHA101.

Subject Code	Subject Name	Credit Points
Year 1		
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
Year 2		
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
Year 3		
LLB2225	Advanced Legal Skills	6
LLB2240	Law of Torts	6
LLB2290	Jurisprudence	6
LLB3397	Legal Internship	3
PSYC231	Personality	6
PSYC236	Cognition and Perception	6
PSYC250	Quantitative Methods in Psychology	6
1 LLB Elective		6
Year 4		
LLB3300	Remedies and Civil Procedure	6
LLB3301	Evidence	6
LLB3302	Law of Business Organisations	6
PSYC234	Biological Psychology and Learning	6
PSYC241	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
Year 5		
3 LLB Electives		18
LLB3399	Law, Justice and Professional Practice	3

PSYC324	Assessment and Intervention	6
3 x 300 level subjects chosen from the BA (Psychology) single degree		18

Timetables

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 (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.

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.

Honours

Law

High achieving students, enrolled in this double degree, who are interested in undertaking Honours in Law, may consult with the relevant Honours Coordinator in Law, Humanities, and the Arts 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.

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.

Professional Recognition/Accreditation

Bachelor of 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](#).

Bachelor of Arts (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.

Other Information

For further information email: lha-enquiries@uow.edu.au

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2018 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 | 2018

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

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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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However, the subject links 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 | 2018

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 2018/Autumn 2019

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 2018 at the UOW Wollongong Campus. This is under review)

E-Business

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

Students wishing to complete this major must speak with the BIT course coordinator.

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

Subject Code	Subject Name	Credit Points	Session(s)
ISIT212	Corporate Network Planning and Design	6	Autumn
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	Web Modelling	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 2018 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

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Accountancy | 2018

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
ACCY200	Financial Accounting IIA	6
ACCY201	Financial Accounting IIB	6
ACCY211	Management Accounting II	6
ACCY231	Information Systems in Accounting	6

FIN 222	Corporate Finance	6
ACCY305	Financial Accounting III	6
ACCY312	Management Accounting III	6
ACCY342	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

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Business Law | 2018

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
LAW 101	Law, Business and Society	6
LAW 302	Law of Business Organisations	6
Plus 36 credit points selected from the following:		
LAW 308	Administrative Law	6
LAW 315	Taxation Law	6
LAW 316	Work Health and Safety 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

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

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Economics | 2018

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.

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Subjects Required for Major Study

Subject Code	subject Name	Credit Points

ECON205	Macroeconomic Theory and Policy	6
ECON215	Microeconomic Theory and Policy	6
ECON305	Economic Policy	6
Plus one subject from the following:		
ECON222	Mathematics for Business	6
ECON339	Applied Financial Modelling	6
Plus one subject from the following:		
ECON316	History of Economic Thought	6
ECON304	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

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Finance | 2018

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
ACCY200	Financial Accounting IIA	6

ECON339	Applied Financial Modelling	6
FIN 222	Corporate Finance	6
FIN 223	Investment Analysis	6
FIN 226	Financial Markets & Institutions	6
FIN 322	Advanced Corporate Finance	6
FIN 323	Portfolio Analysis	6
Plus at least 6 credit points from the following:		
FIN 320	Risk and Insurance	6
FIN 324	Financial Statement Analysis	6
FIN 325	Bank Management	6
FIN 327	Entrepreneurial Finance For Business	6
FIN 351	International Finance	6
ECON331	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

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Financial Planning | 2018

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.

I **STUDENTS** □

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points
ACCY228	Taxation for Financial Planners	6
FIN 223	Investment Analysis	6
FIN 252	Personal Finance	6

FIN 320	Risk and Insurance	6
FIN 323	Portfolio Analysis	6
FIN 328	Retirement and Estate Planning	6
FIN 329	Advanced Financial Planning	6
LAW 101	Law, Business and Society	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.
- 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

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Human Resource Management | 2018

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
MGNT201	Organisational Behaviour	6
MGNT205	Recruitment & Selection	6
MGNT206	Managing Human Resources	6

MGNT207	Employee Relations Management	6
MGNT311	Management of Change	6
MGNT314	Strategic Management	6
MGNT321	Workplace Health and Safety Management	6
MGNT322	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

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International Business | 2018

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
ECON216	International Economics	6
ECON251	Industry and Trade in Asia	6
FIN 241	International Financial Management	6
MGNT210	Managing Across Cultures	6

MARK343	International Marketing	6
MGNT341	International and Comparative Human Resource Management	6
MGNT389	International Business Management	6
Plus one elective from the list below:		
COMM391	Professional Experience in Business	6
ECON306	The Chinese Economy	6
MGNT314	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](#).

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Management | 2018

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.

Subjects Required for Major Study

Subject Code	Subject Name	Credit 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

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Marketing | 2018

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 minor can be completed at the Shoalhaven Campus and at UOW's Education Centres in Batemans Bay, Bega, Loftus and Moss Vale. Applicants should contact the individual Education Centres for information regarding subject availability.

Subjects Required for Major Study

Subject Code	Subject Name	Credit 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

Last reviewed: 21 February, 2018

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2018 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](#).

Public Relations | 2018

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
MGNT102	Business Communications*	6
MARK220	Public Relations Writing	6

MARK221	Public Relations Concepts	6
MARK250	Advertising Practice and Creative Strategies	6
MARK301	Digital Marketing	6
MARK321	Creative Public Relations Campaigns	6
MARK322	Corporate Identity and Branding	6
MARK333	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

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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](#).

Supply Chain Management | 2018

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
OPS 216	Operations Management	6
OPS 256	Systems Thinking and Simulation	6
OPS 257	Principles of Supply Chain Management	6
MGNT314	Strategic Management	6
OPS 309	Supply Chain Strategies	6
OPS 328	Logistics Management	6
OPS 350	Continuous Quality Improvement	6
Plus 6 credit points from the following:		
OPS 200	Management and Electronic Business	6
MGNT215	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

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Minor Study Areas (Faculty of Business) | 2018

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
ACCY112	Accounting In Organisations	6
Plus 18 credit points from 200- or 300-level ACCY subjects.		

Business Information Systems

Subject Code	Subject Name	Credit Points
CSIT114	Systems Analysis	6
CSIT111	Programming Fundamentals	6
Plus 12 credit points from the following subjects:		
ISIT204	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
ECON102	Economics and Society	6
ECON304	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
FIN 222	Corporate Finance	6
FIN 223	Investment Analysis	6
Plus 12 credit points selected from 200- and 300-level Finance subjects.		

Human Resource Management

Subject Code	Subject Name	Credit Points
MGNT206	Managing Human Resources	6
Plus 18 credit points from the following:		
MGNT205	Recruitment and Selection	6
MGNT207	Employee Relations Management	6
MGNT321	Workplace Health and Safety Management	6
MGNT322	Learning and Development in Organisations	6
MGNT341	International and Comparative Human	6

	Resource Management	
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International Business

Subject Code	Subject Name	Credit Points
ECON216	International Economics	6
FIN 241	International Financial Management	6
MGNT389	International Business Management	6
Plus 6 credit points from the following:		
MGNT341	International and Comparative Human Resource Management	6
MARK343	International Marketing	6

International Economics

Subject Code	Subject Name	Credit Points
24 credit points from the following:		
ECON102	Economics and Society	6
ECON216	International Economics	6
ECON251	Industry and Trade in Asia	6
ECON304	The Historical Foundations of the modern Australian Economy	6
ECON306	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:		

MARK310	Marketing Effectiveness	6
MARK301	Digital Marketing	6

Public Relations

Subject Code	Subject Name	Credit Points
MARK221	Public Relations Concepts	6
MARK220	Public Relations Writing	6
MARK321	Creative Public Relations Campaigns	6
MARK322	Corporate Identity and Branding	6

Supply Chain Management

Subject Code	Subject Name	Credit Points
OPS 256	Systems Thinking and Simulation	6
OPS 257	Principles of Supply Chain Management	6
OPS 309	Supply Chain Strategies	6
OPS 328	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

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2018 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 | 2018

This major is available to students enrolled in the Bachelor of Communication and Media.

The Marketing Communication and Advertising major will enable students to develop skills in the delivery of coordinated messages about products and services through various channels, such as television, radio, social media and experiential activities. Students will learn how to research, plan, execute and manage marketing campaigns and acquire skills in issue management, communications technology, product publicity, crisis communication, and media relations. This major prepares graduates for careers in advertising, public relations and corporate branding.

Subjects Required for Major Study

A major in Marketing Communication and Advertising will consist of at least 48 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Year 1		
MGNT102	Business Communications	6
MARK101	Marketing Principles	6

Year 2		
MARK221	Public Relations Concepts	6
MARK250	Advertising Practice and Creative Strategies	6
Year 3		
BCM 303	Collaborative Production Workshop	6
MARK301	Digital Marketing	6
MARK322	Corporate Identity and Branding	6
MARK333	Integrated Marketing Communications Strategy	6

Minor Study

A minor in [Marketing Communication and Advertising](#) is available.

Students cannot complete both a major and a minor in Marketing Communication and Advertising.

Minors appear on the transcript (academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors page](#).

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
Core		
MARK101	Marketing Principles	6

MGNT102	Business Communications	6
MARK220	Public Relations Writing	6
MARK221	Public Relations Concepts	6
MARK250	Advertising Practice and Creative Strategies	6
MARK301	Digital Marketing	6
MARK320	Social Marketing	6
MARK321	Creative Public Relations Campaigns	6
MARK322	Corporate Identity and Branding	6
MARK333	Integrated Marketing Communications Strategy	6
MARK343	International Marketing	6
MARK395	Tourism Marketing	6

Timetables

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 (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.

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.

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](#).

Other Information

For further information email: 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 Science (Honours) | 2018

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	
Biological Sciences			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
BIOL401	Biology Honours	48	
BIOL407	Biology Honours (Part-Time)	24	
Chemistry			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
CHEM401	Chemistry Honours	48	
CHEM407	Chemistry Honours (Part-Time)	24	
Geology or Physical Geography and Environmental			

Geosciences

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	
EESC407	Earth and Environmental Sciences Honours (Part-Time)	24	

Marine Science

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

MARE401	Marine Science Honours	48	
MARE407	Marine Science Honours (Part-Time)	24	

Exercise Science or Nutrition Science

MEDI400	Honours	48	
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The Honours class for these disciplines will be calculated in accordance with Method 1.

Other Information

For further information please email: 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 Computer Science | 2018

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

CSIT314	Software Development Methodologies	6	Autumn
CSIT321	Project	12	Annual, Spring 2018/Autumn 2019

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 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, 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 themselves 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 or [Academic Program Director](#)

Last reviewed: 29 March, 2019

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Bachelor of Computer Science | 2018

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:	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
CSIT121	Object Oriented Design and Programming	6	Spring
CSIT127	Networks and Communications	6	Spring
CSIT128	Introduction to Web Technology	6	Spring
CSCI251	Advanced Programming	6	Autumn
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	On offer from 2019
CSIT321	Project	12	On offer from 2019

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.

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)
CSIT110	Fundamental Programming with Python	6	Autumn
ISIT219	Knowledge and Information Engineering	6	Autumn
MGNT110	Introduction to Management	6	Autumn
BCM 111	Global Media and Culture	6	Spring
COMM101	Principles of Responsible Business	6	Spring
COMM121	Statistics for Business	6	Spring
CSIT212	Introduction to Computer Systems	6	Spring
ELL 182	Effective Written Communication (ESB)	6	Spring

FIN 111	Introductory Principles of Finance	6	Spring
HIST111	The Modern World	6	Not on offer in 2018
INTS121	Global Politics and Power	6	Spring
ISIT204	Principles of eBusiness	6	Spring
ISIT207	Frontend Web Programming	6	Spring
ISIT224	Management Information Systems	6	Spring
MGNT102	Business Communications	6	Spring

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

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2018 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](#).

Big Data Major | 2018

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI317	Database Performance Tuning	6	Autumn
INFO411	Data Mining and Knowledge Discovery	6	Autumn
CSCI316	Big Data Mining Techniques and Implementation	6	Spring
ISIT312	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 or [Academic Program Director](#)

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Cyber Security Major | 2018

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI301	Contemporary Topics in Security	6	Autumn
CSCI262	System Security	6	Spring
CSCI369	Ethical Hacking	6	Spring
CSIT302	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](#).

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Digital Systems Security Major | 2018

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI262	System Security	6	Spring
CSCI361	Cryptography and Secure Applications	6	Autumn
CSCI368	Network Security	6	Spring
CSCI376	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

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Game and Mobile Development Major | 2018

Major Structure

Subject Code	Subject Name	Credit Points	Session(s)
CSCI236	3D Modelling and Animation*	6	Spring 2018/Summer 2019
Complete 3 subjects from the list below (18 cp)			
CSCI336	Interactive Computer Graphics	6	Autumn
CSCI366	Mobile Multimedia	6	Autumn
CSCI356	Game Engine Essentials	6	Spring
CSCI376	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

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Other Information

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Software Engineering Major | 2018

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
CSCI334	Software Design	6	Autumn
ISIT219	Knowledge and Information Engineering	6	Autumn
CSCI318	Software Engineering Practices & Principles	6	Spring
ISIT315	Web Modelling	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

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Creative Writing Major | 2018

UAC Code: 754601

This major is available for students enrolled in the Bachelor of Creative Arts.

A major in Creative Writing in the BCA offers both a practical and theoretical understanding of writing practice. The first year provides a foundation in Creative Writing covering a range of styles as well as editing. The core themes of the narrative, poetic and dramatic are continued in second year along with specific writing theory. The final year culminates in a major project that allows students to develop a significant piece of creative work.

In general, class activities are based around a combination of lectures, intensive workshops, writing exercises, group discussions and individual student presentations. The degree regularly makes use of various artist and writer-in-residence schemes. Students are encouraged to participate in extracurricular activities; to facilitate public readings and performance of their work and to pursue publication opportunities.

▮ STUDENTS ▮

Subjects Required for Major Study

Students studying the BCA: Creative Writing Major will complete the core subjects for the BCA, and at least 72 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core:		

CACW101	Writing Foundation: Prose Fiction and Non-fiction	6
CACW102	Writing Foundation: Poetic and Dramatic	6
CACW103	Editing Foundation	6
CACW104	Text and Context	6
CACW201	Poetic Studio	6
CACW202	Dramatic Studio	6
CACW203	Narrative Studio	6
CACW231	Writing, Representation and Power	6
CACW232	Writing and Critical Theory	6
CACW301	Writing Across Borders	6
CACW390	Creative Writing Major Project	12

Timetables

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](#).

Minors

A 24 credit point [minor](#) in Creative Writing is available.

Note that students cannot complete both a Major and a Minor in Creative Writing.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

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

See [Bachelor of Creative Arts \(Honours\)](#).

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

Further information is available via email: 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](#).

Music Major | 2018

UAC Code: 754603

This major is available for students studying the [Bachelor of Creative Arts](#).

The broad range of skills developed through the Music major in the [Bachelor of Creative Arts](#) will allow you to respond innovatively and flexibly to the rapidly changing world of contemporary music. The music major combines teaching in composition and performance with developments in electronic media, building students' skills and expertise across three inter-related areas: music studio, audio production and critical studies in music.

You will not only develop creative, conceptual and practical skills, but specialised technical skills, and a clear grasp of how your own practice relates to the wider music community. Many careers are increasingly reliant on digital literacy and proficiency, which in combination with the creative, conceptual and academic skills acquired within the BCA Music, will lend you a competitive edge in the creative industries.

▮ STUDENTS ▮

Subjects Required for Major Study

Students studying the BCA: Music Major will complete the core subjects for the BCA, and at least 72 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core:		

CAMS101	Music Skills 1	6
CAMS102	Music Skills 2	6
CAMS103	Introduction to Audio Production	6
CAMS104	Introduction to Music Production	6
CAMS201	Music Studio 1	6
CAMS202	Music Studio 2	6
CAMS203	Recording Studio	6
CAMS231	Critical Studies in Music 1	6
CAMS232	Critical Studies in Music 2	6
CAMS301	Music Studio 3	6
CAMS390	Music Major Project	12

Timetables

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](#).

Minors

A 24 credit point [minor](#) in Music is available.

Note that students cannot complete both a Major and a Minor in music.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Work Integrated Learning

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.

[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 \(Honours\)](#).

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

Further information is available via email: lha-enquiries@uow.edu.au

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Theatre Major | 2018

UAC Code: 754609

This major is available for students studying the [Bachelor of Creative Arts](#).

A major study in Theatre offers a flexible program covering a wide range of performance-related areas. Students will be able to undertake studies that include:

- Stagecraft
- Introduction to lighting and sound design
- Stage management
- Producing live performance
- Dramaturgy, history and theory

The course is primarily practice-based and offers opportunities to work with professional artists on the creation of contemporary theatre works. The course also emphasises theory and history as essential to the development of informed and self-reliant practitioners.

In first year, students acquire competencies in stagecraft, stage management, lighting and sound with an emphasis on collaboration and ensemble practice. In second and third year, students can select a range of Theatre Studios that cover a diverse range of areas as well as study contemporary theatre history and theory. The third year culminates in a major project where students undertake a major creative work.

A [Bachelor of Performance](#) is also offered by the Faculty of Law, Humanities and the Arts. Students who complete the first year of the Bachelor of Creative Arts (Theatre) to a high performance standard may be permitted to transfer

into the [Bachelor of Performance](#).

Subjects Required for Major Study

Students studying the BCA: Theatre Major will complete the core subjects for the BCA, and at least 72 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core:		
CAPA111	Stage Management	6
CAPA112	Introduction to Lighting and Sound	6
CAPF111	Stagecraft 1	6
CAPF112	Stagecraft 2	6
CAPF203	Generative Performance Skills 1	6
CAPF221	Theatre Studio: Performance Workshop	6
CAPF222	Theatre Studio: Methodologies	6
CAPF231	Contemporary Theatre and Text	6
CAPF232	Contemporary Australian Theatre and its Context	6
CAPF303	Generative Performance Skills 2	6
CAPF390	Major Performance Production	12

Timetables

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](#).

Minors

A 24 credit point minor in Theatre is available.

Note that students cannot complete both a Major and a Minor in Theatre.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

[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 \(Honours\)](#).

Entry Requirements & Credit Arrangements

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Other Information

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Visual Arts Major | 2018

UAC Code: 754605

This major is available for students studying the [Bachelor of Creative Arts](#).

A major study in Visual Arts is based on studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture - with support studies in drawing, printmaking, photography, video, installation, digital image making and curatorial practices. Student work is shown throughout the year in gallery spaces in the Faculty.

The first year provides a strong foundation in visual and design concepts. In second year, students move towards their chosen specialization in the studio subjects. Increased emphasis is placed on students' ability to achieve independence in ideas, technical skills and work practices. Students are encouraged to contextualise their artwork in contemporary practice by developing research processes, attending exhibitions and participating in the wider artistic community.

Alongside the studio practice are theory subjects that provide students with the theory, history and context to support their practice. In third year studio subjects, students are expected to explore and develop personal themes and ideas to a greater depth. The focus is on the completion of a major project, culminating in the public exhibition of work within the Graduate Show.

Subjects Required for Major Study

Students studying the BCA: Visual Arts Major will complete the core subjects

for the BCA, and at least 72 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core:		
CAVA101	Visual Foundation 1	6
CAVA102	Visual Foundation 2	6
CAVA103	Visual Foundation 3	6
CAVA104	Visual Foundation 4: Studio Practice	6
CAVA201	Visual Arts Studio 1	6
CAVA202	Visual Arts Studio 2	6
CAVA203	Visual Arts Studio 3	6
CAVA231	Visual Art, Modernism and the Avant-garde	6
CAVA232	Contemporary Indigenous Art: Theory and Practice	6
CAVA301	Visual Arts Workshop	6
CAVA390	Visual Arts Major Project	12

Timetables

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](#) is available in Visual Arts.

Note that students cannot complete both a Major and a Minor in Visual Arts.

Information regarding minors, including which subjects to take to complete a minor, are available on the [2018 General Schedule of Minors](#) page.

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Work Integrated Learning

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[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 \(Honours\)](#).

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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 Arts and Design Major | 2018

UAC Code: 754607

This major is available for students studying the [Bachelor of Creative Arts](#).

A major study in Visual Arts and Design is suitable for students who wish to combine study in the fields of Visual Arts and Design. The Visual Arts component is based on studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture - with support studies in drawing, printmaking, photography, video, installation, digital image making and curatorial practices.

In the Design component students are introduced to a range of graphic design techniques and practices across a number of conceptual, social and industry contexts including visual communication design, innovations in design practice and sustainability & ethics. Student work is shown throughout the year in gallery spaces in the Faculty.

The structure of the course is based on a common foundation first year, followed by a sequence of parallel Visual Arts and Design studio subjects, leading towards a capstone project-based subject, which can involve work in one or both fields of study. Students may focus on either Visual Arts or Graphic Design theory subjects at 300-level. The course culminates in a final year major project and public exhibition of students' work within the Graduate Show.

Subjects Required for Major Study

Students studying the BCA: Visual Arts and Design Major will complete the core subjects for the [BCA](#), and at least 96 credit points as outlined below.

Subject Code	Subject Name	Credit Points
Core:		
CAVA101	Visual Foundation 1	6
CAVA102	Visual Foundation 2	6
CAVA103	Visual Foundation 3	6
CAVA104	Visual Foundation 4: Studio Practice	6
VCD 201	Typography	6
VCD 203	Social Impact Design	6
CAGD231	Graphic Design and Visual Communication Theory 1	6
CAGD232	Graphic Design and Visual Communication Theory 2	6
CAVA201	Visual Arts Studio 1	6
CAVA203	Visual Arts Studio 3	6
CAVA231	Visual Art, Modernism and the Avant-garde	6
CAVA232	Contemporary Indigenous Art: Theory and Practice	6
VCD 301	Professional Design Practice	6
CAVA301	Visual Arts Workshop	6
Plus ONE from the following:		
CAGD390	Graphic Design Major Project	12
CAVA390	Visual Arts Major Project	12

Students interested in Graphic Design are strongly recommended to enrol in

[VAD 190](#), and [VAD 192](#) as electives in their [BCA](#), or to complete the Graphic Design Minor.

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.

Timetables

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

As part of the BCA, students are encouraged to complete a minor as outlined on the [BCA Course Handbook Page](#).

Students interested in Graphic Design are strongly recommended to enrol in [VAD 190](#), and [VAD 192](#) as electives in their BCA, or to complete the Graphic Design Minor.

Minors appear on the transcript (i.e. academic record), but do not appear on the testamur. To have a minor study recorded, students must submit an [Application to Declare or Change Intended Major/Minor](#).

Work Integrated Learning

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.

[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

See [Bachelor of Creative Arts \(Honours\)](#).

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

Further information is available via email: lha-enquiries@uow.edu.au

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2018 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](#).

General Schedule of Minors | 2018

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

List of minor studies available from the Faculty of Law, Humanities and the Arts.

Faculty of Science, Medicine and Health

List of minor studies available from the Faculty of Science, Medicine and Health.

Faculty of Social Sciences

List of minor studies available from the Faculty of Social Sciences.

International Studies Minor

Information on the International Studies minor study available for undergraduate students.

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2018 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) (Biomedical Engineering) | 2018

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 for individuals. This program in Biomedical Engineering is designed to prepare students as professional engineers who can take up employment in health related industries, academia, government regulatory agencies, public policy development and implementation units, and private business nationally and internationally.

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](#).

| UOW GLOBAL

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			

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 2018/2019
Year 2			
MECH203	Mechanical Engineering Practices	0	Autumn
MEDI100	Human Structure and Function	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
ECTE233	Digital Hardware	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
ECTE203	Signals and Systems	6	Spring
MECH226	Machine Dynamics	6	Spring
BMEG201	Biomedical Instrumentation and	6	Spring

	Design		
Year 3			
CSCI291	Programming for Engineers	6	Autumn
ECTE344	Control Theory	6	Spring
BMEG302	Biomedical Sensors and Actuators	6	Not available in 2018
BMEG304	Manufacturing Techniques for Biomedical Engineering	6	Not available in 2018
BMEG301	Mechanics of Biomedical Systems	6	Not available in 2018
BMEG303	Biomechanical Basis of Human Movement	6	Not available in 2018
BMEG305	Mechanical Design of Biomedical Devices	6	Not available in 2018
BMEG306	Biomaterials and Tissue Engineering	6	Not available in 2018
Year 4			
ENGG454	Professional Experience	0	Annual, Autumn, Spring
ENGG461	Managing Engineering Projects	6	Autumn
ECTE331	Real-time Embedded Systems	6	Spring
BMEG401	Artificial Organs and Implants	6	Not available in 2018
BMEG402	Ethics and Practices in Biomedical Engineering	6	Not available in 2018
Bachelor of Engineering (Honours) students complete one of			

the following research options			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453			
Plus 2 electives: 1 from List A and 1 from List B (12 cp)			
List A			
ENGG251	Mechanics of Solids	6	Autumn
ECTE301	Digital Signal Processing	6	Autumn
ENGG440	Strategic Management of Engineering	6	Autumn
MECH409	Micro/Nano Robotic Systems	6	Autumn
ECTE213	Engineering Electromagnetics	6	Spring
ENGG433	Financial Management for Engineers	6	Spring
MATE401	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	Spring

ISIT430	Introduction to Health Informatics	6	Autumn
ISIT429	Concepts and Issues in Healthcare Computing	6	Spring
MEDI223	Clinical Biomechanics	6	Spring
List 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 the Universe	6	Spring
PHIL326	Bioethics	6	Autumn
SOC 251	Genetics, Biotechnology and Society	8	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON102	Economics and Society	6	Autumn, Spring
PHIL218	Ethics: Good, Bad and Evil	6	Autumn

STS 216	Environmental Sociology and Politics	6	Autumn
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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 or [Academic Program Director](#)

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2018 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) (Civil Engineering) | 2018

Civil engineers build and maintain the infrastructure of advanced modern living. They plan, design, construct, operate and maintain everything from buildings to bridges, tunnels and dams, highways and airports to power plants, water and sewerage systems. The main areas of civil engineering are: Structural engineering, Water engineering, Geomechanics, Construction engineering, Materials, and Transport.

The degree can be combined with Environmental or Mining Engineering in second year. Double degrees are also available.

Academic Program Director: Dr 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](#).

UOW GLOBAL

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG102	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
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
Year 2			
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
Year 3			
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
Plus:			
TWO electives as specified below		12	Spring
Year 4			
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
Bachelor of Engineering (Honours) students complete ONE of the following research options			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
or			
ENGG453	Thesis B**	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering Scholar (Honours) students must complete ENGG453			
ENGG453	Thesis B**	18	Annual, Spring 2018/Autumn

			2019
PLUS:			
Electives as specified below		6 or 12	Autumn, Spring
Total Electives listed below for Year 3 and 4*			
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 General Electives			
MINE211	Surface Mining Methods	6	Autumn
MINE234	Computer Applications in Mining Engineering	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 & Railway Engineering	6	Spring
CIVL454	Structures 2	6	Spring
CIVL463	Applied Geotechnical	6	Spring

	Engineering		
ENGG433	Financial Management for Engineers	6	Spring
ENGG439	Engineering Logistics and Operations Management	6	Spring
ENVE410	Site Remediation Engineering	6	Spring
ENVE220	Water Quality and Ecological Engineering	6	Spring
ENVE320	Environmental Engineering Design for Sustainability	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
CIVL415	Structural Design 3	6	Not offered in this year
CIVL392	Computational Methods in Engineering	6	Not offered in this year
CIVL426	Design of Masonry Structures	6	Not offered in this year
ENGG302	Infrastructure Systems	6	Not offered in this year
CIVL457	Structures 3	6	Not offered in this year
ENGG477	Ocean Engineering	6	Not offered in this year
Or other approved technical elective offered in the Faculty of Engineering and Information Sciences.			
List B General Electives			
ECON215	Microeconomic Theory and Policy	6	Autumn

EESC305	Remote Sensing of the Environment	8	Autumn
ECON102	Economics and Society	6	Autumn, Spring
ECTE213	Engineering Electromagnetics	6	Spring
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not offered in this year
Or other approved General Elective.			

* 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.

^ This subject has a quota of 45 students and it is only to students completing a civil, mining or environmental engineering major.

Other Information

For further information email: eis@uow.edu.au

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Bachelor of Engineering (Honours) (Computer Engineering) | 2018

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)
Year 1			
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	6	Spring

	and Analysis		
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
Year 2			
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
Year 3			
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 [^]	0	Autumn, Spring

ECTE344	Control Theory	6	Spring
ECTE331	Real-time Embedded Systems	6	Spring
ECTE364	Data Communications	6	Spring
^Students may complete FEIS400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
ECTE432	Computer Architecture	6	Spring
Plus			
2 Computer Engineering Major Subjects		12	Spring
1 List A SECTE Electives subject		6	Spring
1 List B General Electives subject*		6	Autumn, Spring
*Bachelor of Engineering Scholar (Honours) students must complete ECTE355 instead of 1 List B General Electives subject			
ECTE355	Scholars Project	6	Autumn, Spring
ECTE401	Multimedia Signal Processing	6	Autumn
ECTE433	Embedded Systems	6	Autumn
CSCI318	Software Engineering Practices & Principles	6	Spring

ECTE471	Robotics and Flexible Automation	6	Spring
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Computer Engineering Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
ECTE401	Multimedia Signal Processing	6	Autumn
ECTE433	Embedded Systems	6	Autumn
CSCI318	Software Engineering Practices & Principles	6	Spring
ECTE471	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 or [Academic Program](#)

Director

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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 Engineering) | 2018

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)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE250	Engineering Design and Management 2	6	Spring
Year 3			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE399	Professional Experience [^]	0	Autumn, Spring
ECTE301	Digital Signal Processing	6	Autumn
ECTE363	Communication Systems	6	Autumn
ECTE324	Power Engineering 1	6	Autumn

ECTE323	Power Engineering 2	6	Spring
ECTE344	Control Theory	6	Spring
ECTE364	Data Communications	6	Spring
^Students may complete FESI400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
Plus:			
3 Electrical Engineering Major Subjects		18	Autumn, Spring
1 List A SECTE Electives subject		6	Spring
1 List B General Electives subject*		6	Autumn, Spring
*Bachelor of Engineering (Honours) (Scholar) students must complete ECTE355 instead of the 1 List B General Electives subject			
ECTE355	Scholars Project	6	Autumn, Spring
ECTE423	Power System Analysis	6	Autumn
ECTE433	Embedded Systems	6	Autumn
ECTE441	Intelligent Control	6	Autumn
ECTE412	Power Electronics and Drives	6	Spring

ECTE426	Power Distribution Systems	6	Spring
ECTE442	Computer Controlled Systems	6	Autumn
ECTE465	Wireless Communication Systems	6	Spring
ECTE471	Robotics and Flexible Automation	6	Spring

Electrical Engineering Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
ECTE423	Power System Analysis	6	Autumn
ECTE433	Embedded Systems	6	Autumn
ECTE441	Intelligent Control	6	Autumn
ECTE412	Power Electronics and Drives	6	Spring
ECTE426	Power Distribution Systems	6	Spring
ECTE442	Computer Controlled Systems	6	Autumn
ECTE465	Wireless Communication Systems	6	Spring
ECTE471	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

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Other Information

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

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2018 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) | 2018

Environmental Engineers are professionals who deal with the sustainable management of the environment. The key priority for environmental engineers is to understand the natural processes and then plan, design, construct and operate products, processes and systems that can lead to ecologically sustainable development. After a first year of science, maths and general engineering there is an increased focus on the traditional areas of environmental engineering. The later years branch into areas including: water quality and ecological engineering, water resources engineering, air and noise pollution control, solid and hazardous waste management, environmental engineering design for sustainability, pollution control and cleaner production, sustainable energy technologies and site remediation.

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)
--------------	--------------	---------------	------------

Year 1				
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 2018/2019	
PHYS143	Physics For Engineers	6	Spring	
Year 2				
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	
CHEM214	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	
Year 3				

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
Plus			
TWO electives as specified below		12	Spring
Year 4			
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:			
Option 1:			
ENGG452	Thesis A	12	Annual,

			Spring 2018/Autumn 2019
Plus ONE elective as specified below		6	Spring
OR			
Option 2:			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
(Note: Bachelor of Engineering Scholar (Honours) students must complete ENGG453)			
Total Electives listed below**			
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			
List A			
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 Engineering	6	Autumn
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not offered in this year
ENGG447	Advanced Building Design for Energy Efficiency and	6	Autumn

	Sustainability		
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not offered in this year
ENGG472	Humanitarian Engineering	6	Autumn
ENVE420	Water Resources Engineering	6	Autumn
CIVL220	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	Autumn
MINE313	Mine Power and Transport	6	Not offered in this year
MINE324	Mineral Processing	6	Spring
List B			
ECTE213	Engineering Electromagnetics	6	Spring
ECON101	Macroeconomic Essentials	6	Not offered

	for Business		in this year
ECON111	Introductory Microeconomics	6	Not offered in this year
EESC204	Introductory Spatial Science	6	Autumn, Spring
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EESC252	Geology for Engineers I	6	Spring
EESC302	Coastal Environments: Process and Management	8	Spring
EESC303	Fluvial Geomorphology and Sedimentology	8	Autumn
ENGG477	Ocean Engineering	6	Not offered in this year
LAW 101	Law, Business and Society	6	Autumn
MECH341	Thermodynamics of Engineering Systems	6	Autumn
PHYS295	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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Other Information

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A/PR Muttucumaru Sivakumar

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2018 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) | 2018

Materials engineers apply knowledge of science and engineering to turn raw materials into finished products: everything from construction materials and consumer goods to advanced electronics and biomedical implants. They understand how the structure and properties of materials can be controlled by composition and processing. They design and select materials and processing methods to suit a particular application.

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)
Year 1			
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
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
ENGG104	Electrical Systems	6	Spring
Year 2			
CHEM103	Chemistry for Engineering	6	Autumn
MECH203	Mechanical Engineering Practices	0	Autumn

ENGG251	Mechanics of Solids	6	Autumn
MATE202	Thermodynamics and Phase Equilibria	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	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
Year 3			
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
MATE305	Primary Materials Processing	6	Spring
Year 4			
ENGG454	Professional Experience	0	Annual, Autumn, Spring

ENGG461	Managing Engineering Projects	6	Autumn
MATE402	Secondary Materials Processing	6	Autumn
MATE401	Selection of Materials in Engineering Design	6	Spring
Bachelor of Engineering (Honours) students must complete one of the two research options			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
or			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering Scholar (Honours) students must complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Students must also complete:			
Electives as specified below 12 or 18 Autumn, Spring			
Total Electives listed below*			
For students in ENGG452: Any 3 electives			
For students in ENGG453: Any 2 electives			
Materials Science and Technology			
MATE413	Structural Characterisation Techniques	6	Autumn

ENGG457	Engineering Project B	6	Spring
MATE433	Surface Engineering	6	Spring
Metallurgical Processing			
MATE422	Iron and Steelmaking	6	Autumn
ENGG457	Engineering Project B	6	Spring
MINE324	Mineral Processing	6	Spring
Materials Forming and Manufacturing			
MECH421	Manufacturing Process Analysis	6	Autumn
ENGG457	Engineering Project B	6	Spring
ENGG434	Introduction to Materials Welding and Joining	6	Spring
Advanced Functional Materials			
MATE411	Advanced Materials and Processing	6	Autumn
MATE412	Electronic Materials	6	Spring
MATE433	Surface Engineering	6	Spring
ENGG457	Engineering Project B	6	Spring
Sustainability in Materials Engineering			
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
ENGG378	Sustainable Energy Technologies	6	Spring
ENGG457	Engineering Project B	6	Spring
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Autumn

ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not offered in this year
Additional Material Electives			
CSCI291	Programming for Engineers	6	Autumn
ENGG440	Strategic Management of Engineering	6	Autumn
MINE416	Mine Valuation	6	Autumn
ENGG439	Engineering Logistics and Operations Management	6	Spring

* Electives may not be available every year - check the subject timetable.

** Scholars students must complete this subject.

Professional Recognition/Accreditation

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Other Information

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2018 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) (Mechanical Engineering) | 2018

Overview

Mechanical Engineering includes many exciting fields such as advanced manufacturing, metal forming technology, robotics, control of systems, computer aided design and manufacturing, air conditioning, bio-mechanics, powder technology and tribology.

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)
--------------	--------------	---------------	------------

Year 1			
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
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
ENGG104	Electrical Systems	6	Spring
Year 2			
CHEM103	Chemistry For Engineering	6	Autumn
MECH203	Mechanical Engineering Practice	0	Autumn
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
MECH201	Engineering Analysis	6	Spring
MECH215	Mechanical Engineering Design 1	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH252	Thermodynamics,	6	Spring

	Experimental Methods and Analysis		
Year 3			
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		
Year 4			
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			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019

or			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering Scholar (Honours) students complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Plus electives as specified belowAutumn, Spring			
Total Electives listed below across all years			
For students in ENGG452: Any 2 electives from List A and 2 electives from List A or B			
For students in ENGG453: Any 1 electives from List A and 2 electives from List A or B			
List A			
CSCI291	Programming for Engineers	6	Autumn
CIVL311	Structural Design 1	6	Autumn
CIVL322	Hydraulics and Hydrology	6	Autumn
ENGG202	Introduction to the F SAE Project - Design, Technology & Management	6	Annual
ENGG447	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	6	Autumn

	Analysis		
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	Not available in 2018
MECH470	Applied Topics in Mechatronics	6	Spring
MECH487	Systems Analysis for	6	Spring

	Maintenance Management		
ENGG302	Infrastructure Systems	6	Not available in 2018
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Autumn
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2018
MECH422	Design and Analysis of Manufacturing Systems	6	Not available in 2018
ENGG477	Ocean Engineering	6	Not available in 2018
MECH428	Pneumatic Conveying and Dust Control	6	Not available in 2018
MECH430	Automotive Dynamics	6	Not available in 2018
MECH431	Computational Fluid Dynamics	6	Spring
MECH468	Computer Control of Machines and Processes	6	Not available in 2018
MECH438	Fluid Power	6	Not available in 2018
MECH479	Sustainable Transport and Engine Technologies	6	Not available in 2018
List B			
LAW 101	Law, Business and Society	6	Autumn
FREN151	French for Beginners 1	6	Autumn
JAPA141	Beginner Japanese 1	6	Autumn
ITAL151	Italian for Beginners 1	6	Autumn
MAND151	Chinese (Mandarin) for	6	Autumn

	Beginners 1		
ECTE233	Digital Hardware	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
SPAN151	Spanish for Beginners 1	6	Autumn
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
ECON102	Economics and Society	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
INDO151	Introductory Indonesian 1A	6	Not available in 2018
PHIL218	Ethics: Good, Bad and Evil	6	Spring
STS 216	Environmental Sociology and Politics	6	Autumn
PHIL256	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 or [Academic Program Director](#)

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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) (Mechatronic Engineering) | 2018

Overview

Mechatronic engineering is the combination of mechanical, electrical and computer technologies. These engineering disciplines complement each other to design and realise products, systems and processes which are more efficient, intelligent and cost effective than their predecessors.

The course is designed to give students high quality training in many rapidly developing fields based on integrating mechanical with electrical and electronics components through software. Just to name a few, these fields include digital electronics, manufacturing, information technology and robotics.

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](#).

MENU 

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
--------------	--------------	---------------	------------

Year 1				
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
PHYS143	Physics For Engineers	6		Spring
MATH142	Essentials of Engineering Mathematics	6		Spring, Summer 2018/2019
ENGG104	Electrical Systems	6		Spring
Year 2				
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,	6		Spring

	Experimental Methods and Analysis		
Year 3			
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
Year 4			
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
Bachelor of Engineering (Honours) students complete ONE of the following:			
ECTE451	Engineering Project 1	6	Autumn, Spring

ECTE458	Engineering Project 2	12	Autumn, Spring
Or			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
Or			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor Engineering (Honours) (Scholar) students complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
PLUS electives as specified in the Mechatronics elective lists below:			
For students in ECTE451 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			
List A			
MECH419	Finite Element Methods in Engineering	6	Autumn
MECH409	Micro/Nano Robotic Systems	6	Autumn
ECTE401	Multimedia Signal Processing	6	Autumn
ECTE433	Embedded Systems	6	Autumn
ECTE213	Engineering	6	Spring

	Electromagnetics		
ENGG434	Introduction to Materials Welding and Joining	6	Spring
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 2018
MECH428	Pneumatic Conveying and Dust Control	6	Not available in 2018
ECTE431	Real-Time Computing	6	Not available in 2018
List 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,	6	Spring

	Nature and Ethics		
PHYS295	Astronomy - Concepts of the Universe	6	Spring
SPAN151	Spanish for Beginners 1	6	Autumn
STS 302	Climate Change Policy, Possible Futures	6	Autumn
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON102	Economics and Society	6	Autumn, Spring
INDO151	Introductory Indonesian 1A	6	Not available in 2018
PHIL218	Ethics: Good, Bad and Evil	6	Spring
STS 216	Environmental Sociology and Politics	6	Autumn
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring

* Not for students who completed [ECTE313](#) prior to 2006.

^ Scholars students must complete this subject. The 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.

The final year study program is to be determined in consultation with the Discipline Advisor.

Professional Recognition/Accreditation

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Other Information

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

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2018 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) (Mining Engineering) | 2018

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, Mine water, 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	
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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

Year 3			
CIVL361	Geomechanics	6	Autumn
MINE312	Mine Ventilation	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
MINE324	Mineral Processing	6	Spring
MINE323	Mining Geomechanics	6	Spring
MINE333	Resource Estimation	6	Spring
Plus: TWO electives as specified below		6	Autumn, Spring
Year 4			
ENGG461	Managing Engineering Projects	6	Autumn
MINE411	Health & Safety in Mines	6	Autumn
MINE416	Mine Valuation	6	Autumn
MINE422	Mine Planning and Development	6	Spring
ENGG454	Professional Experience	0	Annual, Autumn, Spring
Complete one of the following research options (ENGG453 is compulsory for Scholars students).			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
or			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019

Plus electives as specified below			
Electives listed below*			
For students in ENGG452: 2 electives from List A and 2 elective from List A or B			
For students in ENGG453: 2 electives from List A and 1 from List A or B			
List A			
CHEM103	Introductory Chemistry For Engineers	6	Autumn
CSCI291	Programming for Engineers	6	Autumn
MINE313	Mine Power and Transport	6	Not available in 2018
CIVL201	Computer Modelling in Civil Engineering	6	Spring
CIVL392	Computational Methods in Engineering	6	Not available in 2018
CIVL462	Principles of Foundation Engineering	6	Autumn
ENVE410	Site Remediation Engineering	6	Spring
ENVE220	Water Quality and Ecological Engineering	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
ENGG302	Infrastructure Systems	6	Not available in 2018
ENGG439	Engineering Logistics and Operations Management	6	Spring
ENGG440	Strategic Management of Engineering	6	Autumn

ENGG457	Engineering Project B	6	Spring
List B			
ECTE213	Engineering Electromagnetics	6	Spring
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Not available in 2018
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
ENGG448	Energy Efficiency in Manufacturing and Process Industries	6	Not available in 2018
ENGG477	Ocean Engineering	6	Not available in 2018
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON102	Economics and Society	6	Autumn, Spring
EESC204	Introductory Spatial Science	6	Autumn, Spring
EESC306	Resources and Environments	8	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
SPAN151	Spanish for Beginners 1	6	Autumn
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.

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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2018 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) | 2018

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)
Year 1			
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

ENGG104	Electrical Systems	6	Spring
ENGG100	Engineering Computing and Analysis	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
ECTE203	Signals and Systems	6	Spring
ECTE212	Electronics	6	Spring
ECTE213	Engineering Electromagnetics	6	Spring
ECTE250	Engineering Design and Management 2	6	Spring
Year 3			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE399	Professional Experience [^]	0	Autumn, Spring
ECTE301	Digital Signal Processing	6	Autumn
ECTE363	Communication Systems	6	Autumn

ECTE324	Power Engineering 1	6	Autumn
ECTE344	Control Theory	6	Spring
ECTE364	Data Communications	6	Spring
ECTE331	Real-time Embedded Systems	6	Spring
^Students may complete FESI400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
ECTE469	Queuing Theory and Optimization	6	Spring
Plus			
2 Telecommunications Engineering Major Subjects		12	Autumn, Spring
1 List A SECTE Electives subject		6	Autumn, Spring
1 List B General Electives subject*		6	Autumn, Spring
*Bachelor of Engineering Scholar (Honours) students must complete ECTE355 instead of the 1 List B General Electives subject			
ECTE355	Scholars Project	6	Autumn, Spring
ECTE401	Multimedia Signal Processing	6	Autumn

ECTE482	Network Engineering	6	Autumn
ECTE465	Wireless Communication Systems	6	Spring

Telecommunication Major Subjects

Subject Code	Subject Name	Credit Points	Session(s)
ECTE401	Multimedia Signal Processing	6	Autumn
ECTE482	Network Engineering	6	Autumn
ECTE465	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.

Professional Recognition/Accreditation

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Bachelor of Engineering (Honours) (Civil and Environmental Engineering) | 2018

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)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
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
Year 4			
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
Year 5			
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:			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
OR			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
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: Dr Neaz Sheikh Email: msheikh@uow.edu.au

Environmental: A/PR Muttucumaru Sivakumar Email: siva@uow.edu.au

The Academic program Director may change every session. Please contact the faculty for more information.

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) (Civil and Mining Engineering) | 2018

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)
Year 1			
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 2018/2019
Year 2			
CHEM103	Chemistry For Engineering	6	Autumn
MINE211	Surface Mining Methods	6	Autumn
ENGG251	Mechanics of Solids	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
MINE220	Underground Mining Methods	6	Spring
Year 3			
CIVL311	Structural Design 1	6	Autumn
CIVL361	Geomechanics	6	Autumn
MINE312	Mine Ventilation	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn
CIVL314	Structural Design 2	6	Spring
MINE234	Computer Applications in Mining Engineering	6	Spring

MINE324	Mineral Processing	6	Spring
CIVL201	Computer Modelling in Civil Engineering	6	Spring
Year 4			
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL352	Structures 1	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
MINE411	Health & Safety in Mines	6	Autumn
CIVL394	Construction	6	Spring
MINE323	Mining Geomechanics	6	Spring
MINE333	Resource Estimation	6	Spring
CIVL458	Fundamentals of Construction Management	6	Spring
Year 5			
CIVL462	Principles of Foundation Engineering	6	Autumn
MINE416	Mine Valuation	6	Autumn
ENGG461	Managing Engineering Projects	6	Autumn
MINE422	Mine Planning and Development	6	Spring
CIVL444	Civil Engineering Design	6	Spring
ENGG454	Professional Experience	0	Annual
Bachelor of Engineering (Honours) students complete ONE of the following two research options:			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn

			2019
OR			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering Scholar (Honours) students complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
For students in ENGG452: ONE electives from List A of the Civil or Mining Engineering elective subjects.			
For students completing ENGG453 you are not required to complete an elective.			

* The 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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Other Information

Academic Program Director

Civil: Dr Neaz Sheikh email: msheikh@uow.edu.au

Mining: A/PR Ernest Baafi email: ebaafi@uow.edu.au

The Academic Program Director may change every session. Please contact the faculty for more information.

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) (Computer and Telecommunications Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
ECTE333	Microcontroller Architecture and Applications	6	Annual
ECTE350	Engineering Design and Management 3	6	Annual
ECTE399	Professional Experience [^]	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

ECTE344	Control Theory	6	Spring
ECTE364	Data Communications	6	Spring
^Students may complete FEIS400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE432	Computer Architecture	6	Spring
ECTE469	Queuing Theory and Optimization	6	Spring
PLUS 2 Computer Engineering Major Subjects		12	Autumn, Spring
<i>AND</i> 2 Telecommunications Engineering Major Subjects		12	Autumn, Spring
<i>AND</i> 2 List A SECTE Electives subjects		12	Autumn, Spring
Year 5			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
PLUS 3 List A SECTE Electives subjects		18	Autumn, Spring
<i>AND</i> 2 List B General Electives subjects		12	Autumn, Spring

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) (Electrical and Computer Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
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 [^]	0	Autumn, Spring
ECTE323	Power Engineering 2	6	Spring
ECTE344	Control Theory	6	Spring

ECTE364	Data Communications	6	Spring
^Students may complete FEIS400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE331	Real-time Embedded Systems	6	Spring
ECTE432	Computer Architecture	6	Spring
PLUS 3 Electrical Engineering Major subjects		18	Autumn, Spring
AND 2 Computer Engineering Major subjects		12	Autumn, Spring
AND 1 List A SECTE Electives subject		6	Autumn, Spring
Year 5			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
PLUS 3 List A SECTE Electives subjects		18	Autumn, Spring
AND 2 List B General Electives subjects		12	Autumn, Spring

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2018 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) (Electrical and Telecommunications Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
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 [^]	0	Autumn, Spring
ECTE344	Control Theory	6	Spring
ECTE364	Data Communications	6	Spring

ECTE323	Power Engineering 2	6	Spring
Students may complete FEIS400 as an alternative option for Professional Experience, which can be counted towards a Minor in Engineering Innovation and Entrepreneurship			
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
Year 4			
ECTE331	Real-time Embedded Systems	6	Spring
ECTE469	Queuing Theory and Optimization	6	Spring
PLUS 3 Electrical Engineering Major subjects		18	Autumn, Spring
AND 2 Telecommunications Engineering Major subjects		12	Autumn, Spring
AND 1 List A SECTE Electives subject		6	Autumn, Spring
Year 5			
ECTE451	Engineering Project 1	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
PLUS 3 List A SECTE Electives subjects		18	Autumn, Spring
AND 2 List B General Electives 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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Other Information

For further information email: eis@uow.edu.au

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2018 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) (Mechanical and Materials Engineering) | 2018

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)
Year 1			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	Foundations of Engineering	6	Autumn, Spring

	Mathematics		
ENGG100	Engineering Computing and Analysis	6	Spring
PHYS143	Physics For Engineers	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
ENGG104	Electrical Systems	6	Spring
Year 2			
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
Year 3			
MECH321	Dynamics of Engineering Systems	6	Autumn
MATE306	Fracture, Failure and	6	Autumn

	Degradation		
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
Plus one of the following subjects			
MATE381	Experimental Methods and Computing	6	Autumn
MECH252	Thermodynamics, Experimental Methods and Analysis	6	Spring
Year 4			
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	6	Spring

	Aerodynamics		
MECH372	Solids Handling and Process Engineering	6	Spring
Year 5			
ENGG461	Managing Engineering Projects	6	Autumn
MECH419	Finite Element Methods in Engineering	6	Autumn
MATE402	Secondary Materials Processing	6	Autumn
MATE304	Transport Phenomena in Materials Processing	6	Spring
MATE305	Primary Materials Processing	6	Spring
MATE401	Selection of Materials in Engineering Design	6	Spring
ENGG454	Professional Experience	0	Annual, Autumn, Spring
Bachelor of Engineering (Honours) students must complete ONE of the following two research options			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring

Please note that this double major requires students to complete 6 credit points over the 240 credit points.

*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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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 Directors:

Mechanical: Dr Buyung Kosasih

Email: buyung@uow.edu.au

Materials: Prof Madeleine Du Toit

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) (Mechanical and Mining Engineering) | 2018

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)
Year 1			
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
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
ENGG104	Electrical Systems	6	Spring
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
MINE211	Surface Mining Methods	6	Autumn
MINE312	Mine Ventilation	6	Autumn
MECH321	Dynamics of Engineering Systems	6	Autumn

CIVL361	Geomechanics	6	Autumn
CIVL272	Surveying	6	Spring
MECH215	Mechanical Engineering Design 1	6	Spring
MECH226	Machine Dynamics	6	Spring
MECH365	Control of Machines and Processes	6	Spring
Year 4			
MECH419	Finite Element Methods in Engineering	6	Autumn
MECH341	Thermodynamics of Engineering Systems	6	Autumn
MECH382	Manufacturing Engineering Principles	6	Autumn
MECH326	Dynamics of Mechanisms	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
MECH311	Mechanical Engineering Design 2	6	Spring
MINE323	Mining Geomechanics	6	Autumn
MINE324	Mineral Processing	6	Spring
MECH343	Heat Transfer and Aerodynamics	6	Spring
Year 5			
ENGG454	Professional Experience	0	Annual, Autumn, Spring
ENGG461	Managing Engineering Projects	6	Autumn
MINE411	Health & Safety in Mines	6	Autumn,

			Spring
MINE416	Mine Valuation	6	Autumn
MINE422	Mine Planning and Development	6	Spring
MINE333	Resource Estimation	6	Spring
MECH372	Solids Handling and Process Engineering	6	Spring
Bachelor of Engineering (Honours) students must complete ONE of the following two research options:			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
Or			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019

Please note that this double major in Mechanical and Mining Engineering requires students to complete more credit points (cp), that the 240 cp for a standard engineering double major - it will require 246 cp, when students complete ENGG453. Any questions should be directed towards the Academic Program Director.

* 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, Korea, Malaysia, Singapore and other countries.

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Other Information

Academic Program Director

Mechanical: Dr Buyung Kosasih

Email: buyung@uow.edu.au

Mining: A/PR Ernest Baafi

Email: ebaafi@uow.edu.au

The Academic Program Directors may change every session. Please contact the faculty for more information.

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2018 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) (Mining and Environmental Engineering) | 2018

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)
Year 1			
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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
MINE220	Underground Mining Methods	6	Spring
ENVE220	Water Quality and Ecological Engineering	6	Spring
EESC252	Geology for Engineers I	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
Year 3			
CIVL361	Geomechanics	6	Autumn
ENVE377	Membrane Science and Technology	6	Autumn
ENVE311	Pollution Control and Cleaner Production	6	Autumn
MINE211	Surface Mining Methods	6	Autumn
MINE324	Mineral Processing	6	Spring

CIVL272	Surveying	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
MINE333	Resource Estimation	6	Spring
Year 4			
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL462	Principles of Foundation Engineering	6	Autumn
MINE312	Mine Ventilation	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
ENGG378	Sustainable Energy Technologies	6	Spring
ENVE320	Environmental Engineering Design for Sustainability	6	Spring
MINE323	Mining Geomechanics	6	Spring
ENVE410	Site Remediation Engineering	6	Spring
Year 5			
ENGG461	Managing Engineering Projects	6	Autumn
ENVE420	Water Resources Engineering	6	Autumn
MINE411	Health & Safety in Mines	6	Autumn
MINE416	Mine Valuation	6	Autumn
ENVE421	Environmental Engineering Design 2	6	Spring
MINE422	Mine Planning and	6	Spring

	Development		
ENGG454	Professional Experience	0	Annual, Autumn, Spring
Students must complete ONE of the following two subjects:			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
OR			
ENGG453	Thesis B*	18	Annual, Spring 2018/Autumn 2019
Plus, for students in ENGG452: ONE elective from List A of the Mining or Environmental Engineering elective subjects.			

Please note that this double major in Mining and Environmental Engineering requires students to complete more credit points (cp) than the 240cp for a standard engineering double major, 246 cp, when students complete ENGG453. Any questions should be directed towards the Academic Program Director.

* The 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point List A elective.

Students should also review current subject availabilities via the Subject Descriptions link in the menu.

Professional Recognition/Accreditation

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Other Information

Academic Program Director

Mining: A/PR Ernest Baafi

Email: ebaafi@uow.edu.au

Environmental: A/PR Muttucumaru Sivakumar

Email: siva@uow.edu.au

The Academic Program Directors may change every session. Please contact the faculty for more information.

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) (Mining and Materials Engineering) | 2018

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)
Year 1			
ENGG102	Fundamentals of Engineering Mechanics	6	Autumn
ENGG103	Materials in Design	6	Autumn
ENGG105	Engineering Design for Sustainability	6	Autumn
MATH141	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 2018/2019
PHYS143	Physics For Engineers	6	Spring
Year 2			
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
Year 3			
ENGG251	Mechanics of Solids	6	Autumn
ENGG252	Engineering Fluid Mechanics	6	Autumn

CIVL361	Geomechanics	6	Autumn
MINE312	Mine Ventilation	6	Autumn
MINE323	Mining Geomechanics	6	Autumn
MINE324	Mineral Processing	6	Spring
MATE203	Phase Transformations	6	Spring
MATE204	Mechanical Behaviour of Materials	6	Spring
Year 4			
MATE301	Engineering Alloys	6	Autumn
MATE306	Fracture, Failure and Degradation	6	Autumn
MATE381	Experimental Methods and Computing	6	Autumn
MINE416	Mine Valuation	6	Autumn
MINE322	Foundations of Mine Planning	6	Autumn
MINE333	Resource Estimation	6	Spring
MATE302	Polymeric Materials	6	Spring
MATE303	Ceramics, Glasses and Refractories	6	Spring
MATE305	Primary Materials Processing	6	Spring
Year 5			
ENGG461	Managing Engineering Projects	6	Autumn
MATE402	Secondary Materials Processing	6	Autumn
MINE411	Health & Safety in Mines	6	Autumn, Spring

MINE422	Mine Planning and Development	6	Spring
MATE401	Selection of Materials in Engineering Design	6	Spring
MATE304	Transport Phenomena in Materials Processing	6	Spring
ENGG454	Professional Experience	0	Annual, Autumn, Spring
Bachelor of Engineering (Honours) students must complete ONE of the following two research options:			
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
OR			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019
Bachelor of Engineering (Honours) (Scholar) students must complete ENGG453:			
ENGG453	Thesis B	18	Annual, Spring 2018/Autumn 2019

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

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Other Information

Academic Program Director

Mining - A/Prof Ernest Baafi

Email: ebaafi@uow.edu.au

Materials - Prof Madeleine Du Toit

Email: mdt@uow.edu.au

The Academic Program Director may change every session. Please contact the faculty for more information.

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2018 Undergraduate Courses

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Bachelor of Engineering (Honours) - Bachelor of Science | 2018

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.

Professional Recognition/Accreditation

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Other Information

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

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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 Science (Physics) | 2018

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.

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 or [Academic Program Director](#)

Last reviewed: 7 February, 2018

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2018 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 | 2018

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 or [Academic Program Director](#)

Last reviewed: 5 March, 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](#).

Master of Philosophy | 2018

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)
Coursework Component			
400- or 900-level subjects as approved		24	Autumn, Spring
Choose ONE of the following two subjects:			
THES924	Thesis Full Time	24	Autumn, Spring
THES912	Thesis Part Time	12	Autumn, Spring

Plus one of the following elective subjects may be chosen:

Subject Code	Subject Name	Credit Points	Session(s)
RESH802	Responsible Research	6	Autumn
GWP 800	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

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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 | 2018

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

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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) | 2018

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:			
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(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 Mechatronics 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

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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](#).

Graduate Diploma in Exercise Rehabilitation | 2018

Testamur Title of Degree:	Graduate Diploma in Exercise Rehabilitation
Abbreviation:	GDipExRehab
UOW Course Code:	2612
CRICOS Code:	089202K
Total Credit Points:	48
Duration:	1 year full-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 Graduate Diploma in Exercise Rehabilitation 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, and return-to-work programs.

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 Graduate Diploma in Exercise Rehabilitation has been approved by DEEWR as an eligible postgraduate 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	Investigate, analyse and synthesise information, problems, concepts and theories.
4	Justify and demonstrate the application of a range of clinical

	competencies in professional practice and further learning.
5	Apply and integrate extensive knowledge and skills to assist in the planning and execution of clinical practicum exercise interventions.
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: Exercise assessment, prescription and delivery. Analysis and modification of movement Understanding physiological systems integration and pathophysiology 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.

Course Structure

To qualify for award of the degree, the Graduate Diploma in Exercise Rehabilitation, a candidate must successfully complete at least 48 credit points, as outlined below.

Subject Code	Subject Name	Credit Points	Session(s)
EXSC920	Clinical Exercise Physiology	24	Autumn
EXSC923	Clinical Practicum	12	Spring
EXSC924	Advanced Workplace Injury Management for Exercise Physiologists	12	Spring

Please note:

- This course is not available part-time.

Compulsory Work Placement / Online Components

This course contains a total of 360 hours over 6 weeks of compulsory work-based placements, which is completed 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 GDipExRehab 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.

Other Information

For further information please email: 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](#).

Master of Clinical Exercise Physiology | 2018

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)
Year 1			
EXSC920	Clinical Exercise Physiology	24	Autumn
EXSC923	Clinical Practicum	12	Spring
EXSC924	Advanced Workplace Injury Management for Exercise Physiologists	12	Spring
Year 2			
Choose FOUR of the following subjects:			

ACCY801	Accounting and Financial Management	6	Trimester 1, Trimester 2, Trimester 3
MGNT803	Organisational Behaviour and Management	6	Trimester 1, Trimester 2, Trimester 3
MARK804	Principles of Marketing Management	6	Trimester 1, Trimester 2, Trimester 3
MARK920	Social Marketing	6	Trimester 1, Trimester 2, Trimester 3
ECON910	Economics for Professionals	6	Trimester 1, Trimester 2, Trimester 3
HAS 979	Ergonomics Essentials	6	Autumn
HAS 871	WHS Risk Management	6	Autumn
HAS 931	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

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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 Science, Medicine and Health) | 2018

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)
MEDI242	Functional Structures in Indigenous Communities	6	Spring
NMIH205	Cultural Competence in Health Care Practice	6	Spring
MEDI243	Comparative Indigenous Health Issues	6	Not available

			in 2018
MEDI240	Current Services in Indigenous Health	6	Autumn
MEDI341	Research in Indigenous Health	6	Not available in 2018
MEDI343	Indigenous Community Development: Social and Emotional Wellbeing	6	Not available in 2018
MEDI342	Indigenous Community Development: Environmental Health Issues	6	Autumn
MEDI344	Indigenous Community Development: Health Promotion	6	Spring

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
EESC102	Earth's Interconnected Spheres	6	Spring
EESC103	Earth's Dynamic Surface	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
Plus TWO of the following 200 level subjects			
EESC201	Earth's Inferno	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
EESC203	Biogeography and Environmental Change	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC250	Field Geology	6	Summer 2018/2018
EESC252	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)
EESC102	Earth's Interconnected Spheres	6	Spring
EESC103	Earth's Dynamic Surface	6	Autumn
Plus ONE of the following 200 level subjects			
EESC202	Shaping Earth's Surface	6	Spring

EESC203	Biogeography and Environmental Change	6	Autumn
Plus ONE of the following 300 level subjects			
EESC302	Coastal Environments: Process and Management	8	Spring
EESC303	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)
ARCH102	Big Questions in Archaeology	6	Spring
ARCH202	World Archaeology	6	Autumn
ARCH301	Archaeology in Action: Understanding the Archaeological record	6	Spring
ARCH302	Digging Down Under: Archaeology of Australasia	6	Not available

			in 2018
ARCH303	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)
BIOL103	Molecules, Cells and Organisms	6	Spring
BIOL105	Functional Biology of Animals and Plants	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
BIOL214	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)
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn

BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring

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)
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
BIOL252	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)
BIOL103	Molecules, Cells and Organisms	6	Spring
BIOL105	Functional Biology of Animals and Plants	6	Autumn

BIOL213	Principles of Biochemistry	6	Autumn
BIOL215	Introductory Genetics	6	Spring

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2018 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 | 2018

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	On offer from 2019
CSIT321	Project	12	On offer from 2019

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.

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)
CSIT110	Fundamental Programming with Python	6	Autumn
CSCI251	Advanced Programming	6	Autumn
BCM 111	Global Media and Culture	6	Spring
COMM101	Principles of Responsible Business	6	Spring
COMM121	Statistics for Business	6	Spring
CSCI203	Algorithms and Data Structures	6	Spring
CSCI235	Database Systems	6	Spring
CSIT212	Introduction to Computer Systems	6	Spring
ELL 182	Effective Written Communication (ESB)	6	Spring

FIN 111	Introductory Principles of Finance	6	Spring
HIST111	The Modern World	6	Spring
INTS121	Global Politics and Power	6	Spring
ISIT207	Frontend Web Programming	6	Spring
MGNT102	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

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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](#).

Financial Planning Major | 2018

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 major study has the additional requirements that the following subjects be completed from the elective list: [CSIT110](#), [LAW 101](#), [MGNT110](#), [MARK101](#), [ACCY228](#), [FIN 252](#), [FIN 320](#), [FIN 328](#) and [FIN 329](#). Students must complete [FIN 423](#) in place of [FIN 323](#), and the Honours project [INFO401](#) must be in the area of mathematical or statistical aspects of financial planning.

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ECON100	Economic Essentials for	6	Autumn, Spring

	Business		
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
ECON102	Economics and Society	6	Autumn, Spring
MATH100	Introduction to Mathematics	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
CSIT110	Fundamental Programming with Python	6	Autumn
MATH123	Discrete Mathematics and Difference Equations	6	Spring
Year 2			
FIN 222	Corporate Finance	6	Autumn, Spring
FIN 252	Personal Finance	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
FIN 223	Investment Analysis	6	Autumn, Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH202	Differential Equations 2	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			

LAW 101	Law, Business and Society	6	Autumn
FIN 328	Retirement and Estate Planning	6	Autumn
MATH203	Linear Algebra	6	Autumn
MGNT110	Introduction to Management	6	Autumn, Spring, Summer 2017/2018
ACCY228	Taxation for Financial Planners	6	Spring
FIN 320	Risk and Insurance	6	Spring
MARK101	Marketing Principles	6	Autumn, Spring, Summer 2017/2018
STAT332	Linear and Generalised Linear Models	6	Spring
Year 4			
MATH407	Research Methods	6	Autumn
MATH317	Financial Calculus	6	Autumn
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
ECON331	Financial Economics	6	Spring
FIN 329	Advanced Financial Planning	6	Spring
FIN 423	Portfolio Management	6	Trimester 3
Plus ONE subject from the List of Electives (see BMathFin(Hons))			

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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Mathematical Economics Major | 2018

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 major study has the additional requirements that the following subjects be completed from the elective list: [ECON205](#), [ECON215](#), [ECON339](#), [ECON322](#), and [MATH302](#).

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH187	Mathematics 1: Algebra	6	Autumn

	and Differential Calculus		
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
ECON102	Economics and Society	6	Autumn, Spring
MATH100	Introduction to Mathematics	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
STAT101	Introduction to Statistics	6	Spring
CSIT110	Fundamental Programming with Python	6	Autumn
Year 2			
ECON205	Macroeconomic Theory and Policy	6	Autumn, Spring
ECON215	Microeconomic Theory and Policy	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring
FIN 222	Corporate Finance	6	Autumn, Spring
STAT231	Probability and Random Variables	6	Autumn
FIN 223	Investment Analysis	6	Autumn, Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			
MATH317	Financial Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn

FIN 323	Portfolio Analysis	6	Autumn
FIN 322	Advanced Corporate Finance	6	Spring
STAT332	Linear and Generalised Linear Models	6	Spring
ECON339	Applied Financial Modelling	6	Spring
Plus TWO subjects from the List of Electives (see BMathFin(Hons))			
Year 4			
ECON331	Financial Economics	6	Spring
MATH302	Differential Equations 3	6	Autumn
MATH407	Research Methods	6	Autumn
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
ECON301	Monetary Economics	6	Autumn
Plus TWO subjects from the List of Electives (see BMathFin(Hons))			

* When enrolling in [ECON322](#), request a waiver of prerequisites on the basis of statistics subjects completed.

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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However, the 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 | 2018

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 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 major study has the additional requirements that the following subjects be completed from the elective list: [CSIT113](#), [CSIT121](#), [MATH305](#), [MATH317](#), [STAT304](#), [STAT471](#), [MATH472](#) and [FIN 423](#).

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MATH187	Mathematics 1: Algebra	6	Autumn

	and Differential Calculus		
ECON100	Economic Essentials for Business	6	Autumn, Spring
CSIT111	Programming Fundamentals	6	Autumn, Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
ECON102	Economics and Society	6	Autumn, Spring
MATH100	Introduction to Mathematics	6	Autumn
STAT101	Introduction to Statistics	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
Year 2			
MATH203	Linear Algebra	6	Autumn
FIN 222	Corporate Finance	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
FIN 223	Investment Analysis	6	Autumn, Spring
MATH202	Differential Equations 2	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring

Year 3			
FIN 323	Portfolio Analysis	6	Autumn
CSIT113	Problem Solving	6	Autumn
MATH317	Financial Calculus	6	Autumn
STAT304	Applied Probability and Financial Risk	6	Autumn
FIN 320	Risk and Insurance	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
STAT332	Linear and Generalised Linear Models	6	Spring
MATH305	Partial Differential Equations	6	Spring
Year 4			
MATH407	Research Methods	6	Autumn
STAT471	Honours Topics in Statistics A	6	Autumn, Spring
MATH472	Honours Topics in Mathematics B	6	Autumn
FIN 423	Portfolio Management	6	Trimester 3
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
Plus TWO subjects from the List of Electives (see BMathFin(Hons))		12	

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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However, the 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 | 2018

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.

Completion of this major requires students to complete more than the 192 credit points to complete the degree. For more information please consult the Academic Program Director.

Subjects Required for Major Study

Subject Code	Subject Name	Credit Points	Session(s)
100-Level			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn

MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH100	Introduction to Mathematics	6	Autumn
STAT101	Introduction to Statistics	6	Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 2017/2018
CSIT113	Problem Solving	6	Autumn
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT121	Object Oriented Design and Programming	6	Autumn, Spring
200-Level			
FIN 222	Corporate Finance	6	Autumn, Spring
MATH203	Linear Algebra	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
MATH202	Differential Equations 2	6	Spring
FIN 223	Investment Analysis	6	Autumn, Spring
CSCI251	Advanced Programming	6	Autumn, Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
CSIT226	Human Computer Interaction	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring

300-Level			
FIN 323	Portfolio Analysis	6	Autumn
FIN 322	Advanced Corporate Finance	6	Spring
MATH317	Financial Calculus	6	Autumn
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
ECON331	Financial Economics	6	Spring
STAT373	Special Topics in Probability and Statistics 3	6	Autumn
MATH318	Operations Research	6	Autumn
MATH372	Special Topics in Mathematical Analysis 3	6	Spring
400-Level			
INFO411	Data Mining and Knowledge Discovery	6	Autumn
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
MATH407	Research Methods	6	Autumn
Plus ONE subject from the List of Electives (see BMathFin(Hons))			

* Consult the Academic Program Director regarding choice of topic.

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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Risk Management and Insurance Major | 2018

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 major study has the additional requirements that the following subjects be completed from the elective list: [STAT304](#), [STAT333](#), [ECON205](#), [FIN 320](#) and [FIN 328](#).

Subject Code	Subject Name	Credit Points	Session(s)
--------------	--------------	---------------	------------

Year 1			
ACCY111	Accounting Fundamentals In Society	6	Autumn, Spring
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH100	Introduction to Mathematics	6	Autumn
STAT101	Introduction to Statistics	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
ACCY112	Accounting In Organisations	6	Autumn, Spring, Summer 201/2018
ECON100	Economic Essentials for Business	6	Autumn, Spring
ECON102	Economics and Society	6	Autumn, Spring
MATH123	Discrete Mathematics and Difference Equations	6	Spring
CSIT110	Fundamental Programming with Python	6	Autumn
Year 2			
FIN 222	Corporate Finance	6	Autumn, Spring
ECON100	Economic Essentials for Business	6	Autumn, Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
ECON205	Macroeconomic Theory	6	Autumn, Spring

	and Policy		
FIN 223	Investment Analysis	6	Autumn, Spring
MATH202	Differential Equations 2	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
Year 3			
FIN 323	Portfolio Analysis	6	Autumn
MATH203	Linear Algebra	6	Autumn
MATH317	Financial Calculus	6	Autumn
FIN 328	Retirement and Estate Planning	6	Autumn
FIN 320	Risk and Insurance	6	Spring
FIN 322	Advanced Corporate Finance	6	Spring
MATH305	Partial Differential Equations	6	Spring
STAT332	Linear and Generalised Linear Models	6	Spring
Year 4			
MATH407	Research Methods	6	Autumn
STAT304	Applied Probability and Financial Risk	6	Autumn
ECON331	Financial Economics	6	Spring
STAT333	Statistical Inference	6	Spring
INFO401	Mathematics and Finance Honours Project	12	Annual, Spring 2017/Autumn 2018
Plus TWO subjects from the List of Electives (see BMathFin(Hons))			

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

Last reviewed: 24 November, 2017

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2018 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](#).

Additional Information | 2018

This information is for students commencing their course in 2018. Students follow the rules and requirements for the year they commenced their course. Please refer to the Archives link in the menu for years prior to 2018.

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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2018 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 (Biomedical Research) | 2018

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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*		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 2018/2019
BIOL292	Special Biology Studies	6	Autumn, Spring
Spring			
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			
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
CHEM358	Pharmacology*	6	Autumn
Spring			
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
Annual			
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](#).

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

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2018 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 (Exercise Science) | 2018

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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
MEDI222	Foundations of Biomechanics	6	Autumn
Spring			
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
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology*	6	Autumn
MEDI322	Advanced Studies in Exercise Physiology	6	Autumn
Spring			
BIOL341	Immunity and Infection*	6	Spring
MEDI330	Sensorimotor Control of Movement	6	Spring

MEDI323	Cardiorespiratory Studies	6	Spring
Annual			
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](#).

[PSYC101](#) is recommended as the 1st year Autumn elective subject for the Exercise Science major.

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

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Bachelor of Pre-Medicine, Science and Health (Health Practice) | 2018

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

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.

Major Structure

The schedule for students undertaking the Health Practice 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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
NMIH204	Reflection and Practice	6	Autumn
Spring			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
MEDI243	Comparative Indigenous Health Issues	6	Not available in Spring Session
NMIH205	Cultural Competence in Health Care Practice	6	Spring
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn.
CHEM358	Pharmacology*	6	Autumn.
NMIH317	Promoting Clinical Excellence	6	Autumn
Spring			
BIOL341	Immunity and Infection*	6	Spring.
NMIH307	Leadership in Health Care	6	Spring

	Practice		
MEDI344	Indigenous Community Development: Health Promotion	6	Spring
Annual			
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](#).

[NMIH101](#) is recommended as the 1st year Autumn elective subject for the Health Practice major

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

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Bachelor of Pre-Medicine, Science and Health (Medical Science) | 2018

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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
MEDI210	Histology	6	Autumn
Spring			
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.			
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology*	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
Spring			
BIOL341	Immunity and Infection*	6	Spring

MEDI323	Cardiorespiratory Studies	6	Spring
MEDI314	Regional Anatomy	6	Spring
Annual			
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](#).

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

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Bachelor of Pre-Medicine, Science and Health (Molecular Medicine) | 2018

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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
Spring			
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			
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology*	6	Autumn
CHEM374	Molecular Spectroscopy and	6	Autumn

Structure Elucidation			
Spring			
BIOL341	Immunity and Infection*	6	Spring
CHEM360	Organic Synthesis III	6	Spring
CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
Annual			
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](#).

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

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Bachelor of Pre-Medicine, Science and Health (Nutrition) | 2018

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)
Year 2			
Autumn			
BIOL213	Principles of Biochemistry*	6	Autumn
CHEM212	Organic Chemistry II*	6	Autumn
CHEM215	Food Chemistry	6	Autumn
MEDI211	Control Mechanisms Physiology*	6	Autumn
Spring			
BIOL214	The Biochemistry of Energy and Metabolism*	6	Spring
BIOL215	Introductory Genetics*	6	Spring
MEDI150	Fundamental Concepts in Food and Nutrition	6	Spring
STAT251	Fundamentals of Biostatistics	6	Spring
Year 3			
Autumn			
CHEM358	Pharmacology*	6	Autumn
MEDI363	Community and Public Health Nutrition	6	Autumn
MEDI362	Research in Human Nutrition	6	Autumn

Spring			
BIOL341	Immunity and Infection*	6	Spring
MEDI213	Nutritional Physiology	6	Spring
MEDI355	Nutrition and Food Innovation	6	Spring
Annual			
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](#).

[PSYC101](#) is recommended as the 1st year Autumn elective subject for the Nutrition major. [BIOL341](#) requires [BIOL340](#), which is not part of the Nutrition major, and will require a waiver.

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

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2018 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 Informatics) | 2018

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	
Year 2			
Autumn			
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
Spring			
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			
Year 3			
Autumn			
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
Spring			
BIOL341	Immunity and Infection*	6	Spring
CSIT214	IT Project Management	6	Autumn, Spring

CSIT226	Human Computer Interaction	6	Spring
Annual			
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](#).

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

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Bachelor of Pre-Medicine, Science and Health (Medical Radiation Physics) | 2018

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)
--------------	--------------	---------------	------------

Year 2			
Autumn			
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
Spring			
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
Year 3			
Autumn			
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM358	Pharmacology*	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
Spring			
BIOL341	Immunity and Infection*	6	Spring
PHYS255	Radiation Physics	6	Spring
Plus ONE elective subject (6cp) from the General Schedule			
Annual			
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

Last reviewed: 11 September, 2018

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2018 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](#).

Criminology | 2018

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)
Year 1			
Spring			
HAS 131	Introducing Crime and Justice	6	Spring
Year 2			

Autumn			
HAS 262	Explaining Crime	6	Autumn
Year 3			
Spring			
HAS 355	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)
200 Level			
HAS 261	Crime Prevention	6	Autumn
SOC 225	Youth Cultures	6	Spring
SOC 247	Punishment: Purpose, Practice, Policy	6	Spring
GEOG231	Maps and Apps for Social Scientists	6	Spring
GEOG241	Urban Geographies: Just and Sustainable Cities?	6	Spring
300 Level			
GEOG354	Environmental Crime and Justice	6	Autumn
HAS 354	Innovative Justice	6	Autumn
HAS 350	Social Determinants of Indigenous Health	6	Autumn
SOC 352	Power, Resistance and Society	6	Autumn
GEOG353	Qualitative GIS	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

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Social Marketing | 2018

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)
Year 1			
Spring			

MARK101	Marketing Principles	6	Autumn, Spring, Summer 2018/2019
Year 2			
MARK217	Consumer Behaviour	6	Autumn
MARK320	Social Marketing	6	Spring
Year 3			
Autumn			
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
MARK333	Integrated Marketing Communications Strategy	6	Autumn
Spring			
HAS 348	Social Innovation and Entrepreneurship	6	Spring
Year 2 or 3			
<i>And 12 credit points from the following 200-level subjects:</i>			
MARK205	Introductory Marketing Research	6	Autumn
GEOG231	Maps and Apps for Social Scientists	6	Spring
MARK270	Services Marketing	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

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Minor Study Areas (Faculty of Social Sciences) | 2018

The Faculty of Social Sciences offers the following minors to students in any degree where their course rules allow:

- ▣ [Criminology](#)
- ▣ [Food and Society](#)
- ▣ [Human Geography](#)
- ▣ [Introduction to Public Health](#)
- ▣ [Psychology](#)
- ▣ [Social Marketing](#)
- ▣ [Social Policy](#)
- ▣ [Work Health and Safety](#)

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)
--------------	--------------	---------------	------------

HAS 131	Introducing Crime and Justice	6	Spring
HAS 262	Explaining Crime	6	Autumn
<i>Plus 12 credit points from the following electives:</i>			
HAS 261	Crime Prevention	6	Autumn
GEOG354	Environmental Crime and Justice	6	Autumn
HAS 354	Innovative Justice	6	Autumn
HAS 353	Youth Crime and Justice	6	Spring
HAS 355	Current Issues in Criminal Justice	6	Spring
SOC 247	Punishment: Purpose, Practice, Policy	6	Spring

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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)
HAS 160	Food and Society I: The What and Why of Food	6	Spring

HAS 270	Sociology of Food and Nutrition	6	First Offered Autumn 2019
HAS 265	Food and Society II: Community Settings and Practice	6	First Offered Spring 2019
HAS 365	Food and Society III: Contemporary Issues and Controversies	6	First Offered Autumn 2020

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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)
<i>Select ONE subject from GEOG 100 level:</i>			
GEOG121	Human Geography: Life in a Globalising World	6	Autumn
GEOG122	Human Geography: Living in a Material World	6	Spring
GEOG123	Indigenous Geographies: Questioning Country	6	Spring
<i>Plus TWO subjects from GEOG 200 and 300 level:</i>			
GEOG221	Population Geography: People,	6	Autumn

	Place, Inequality		
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
GEOG231	Maps and Apps for Social Scientists	6	Spring
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
GEOG338	Planning Urban Futures	6	Autumn
GEOG337	Environmental and Heritage Management	6	Spring
GEOG339	Geographies of Change: International Fieldwork Intensive	6	Not available in 2018
<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)
HAS 125	Public Health Achievements and Challenges	6	Autumn
HAS 215	Healthy Public Policy	6	First Offered Spring 2019
HAS 251	Introduction to Epidemiology	6	Spring

And ONE of the following subjects:

HAS 115	Chronic Disease Prevention and Control	6	Autumn
HAS 130	Social Determinants of Health	6	Autumn
HAS 135	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)
PSYC121	Foundations of Psychology A	6	Autumn
PSYC122	Foundations of Psychology B	6	Spring
<i>Plus TWO of the following three subjects:</i>			
PSYC231	Personality	6	Autumn
PSYC241	Developmental and Social Psychology	6	Spring
PSYC251	Psychology of Abnormality	6	Spring

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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 2018/2019
MARK320	Social Marketing	6	Spring
HAS 348	Social Innovation and Entrepreneurship	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
GEOG231	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.

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Subject Code	Subject Name	Credit Points	Session(s)
HAS 202	Introduction to Social Policy	6	Spring
<i>And ONE of the following:</i>			
HAS 356	Comparative Social Policy	6	Autumn
SOWK234	Welfare State and Human Services	6	Spring
<i>And TWO of the following:</i>			
ECON102	Economics and Society	6	Autumn, Spring
POL 150	Government, Power and Political Systems	6	Autumn
HAS 234	Research Methods in the Social Sciences	6	Spring
SOWK234	Welfare State and Human Services	6	Spring
SOWK237	Social Work and the Law	6	Autumn
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
HAS 346	Social Advocacy	6	Spring
HAS 347	Social Sciences Project	6	Spring
HAS 356	Comparative Social Policy	6	Autumn
SOC 328	Social Policy, Neoliberalism and the 'Post-Welfare state'	6	Spring
SOWK340	Fields of Practice: Health, Aging and Disability	6	Autumn

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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)
HAS 201	Work Health & Safety	6	Spring
HAS 210	Introduction to WHS Risk Management	6	Summer 2018/2019
HAS 235	Productivity & Design of Work	6	Spring, Summer 2018/2019
HAS 320	Introduction to WHS Management Systems	6	Spring, Summer 2018/2018
HAS 341	Introduction to Work Injury Management	6	Autumn
HAS 342	Protecting Worker Health	6	Summer 2018/2019
PSYC358	Applied Psychology	6	Spring First Offered 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](#).

Social Epidemiology | 2018

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
Year 2		
Autumn session		
GEOG221	Population Geography: People, Place,	6

	Inequality	
CSIT115	Data Management and Security	6
Spring session		
HAS 215	Healthy Public Policy	6
GEOG231	Maps and Apps for Social Scientists	6
Year 3		
Autumn session		
HAS 346	Social Advocacy	6
HAS 390	Community Engagement and Development for Social Change	6
GEOG338	Planning Urban Futures	6
Spring session		
HAS 360	Advanced Epidemiology	6

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

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Health Promotion | 2018

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
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Code		Points
Year 1		
Spring session		
HAS 140	Health Communication	6
Year 2		
Autumn session		
MARK213	Marketing Principles	6
Spring session		
HAS 215	Healthy Public Policy	6
MARK320	Social Marketing	6
Year 3		
Autumn session		
HAS 346	Social Advocacy	6
HAS 390	Community Engagement and Development for Social Change	6
Spring session		
HAS 351	Health Promotion Competencies	6
HAS 348	Social Innovation and Entrepreneurship	6

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

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Food and Society | 2018

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
--------------	--------------	---------------

Year 1		
Spring session		
HAS 160	Food and Society I: The What and the Why of Food	6
Year 2		
Autumn session		
HAS 270	Sociology of Food and Nutrition	6
Spring session		
HAS 265	Food and Society II: Community Settings and Practice	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6
Year 3		
Autumn session		
HAS 346	Social Advocacy	6
HAS 390	Community Engagement and Development for Social Change	6
HAS 365	Food and Society III: Contemporary Issues and Controversies	6
Spring session		
HAS 351	Health Promotion Competencies	6

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 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

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Bachelor of Research - Faculty of Business | 2018

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)
RESH402	Responsible Research	6	Autumn
BUS 401	Preliminary Business Research Project	12	Not available in 2018
COMM480	Honours Research Proposal	6	Autumn
BUS 496	Introduction to Research and Research Methods	12	Spring
<p>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:</p>			
ACCY404	Financial Accounting	6	Not available in 2018
ACCY406	Theoretical Constructions of Accounting and Finance	6	Not available in 2018
ACCY407	Empirical Research Methods	6	Not available in 2018

ACCY413	Management Accounting	6	Not available in 2018
ACCY414	Management Planning and Control Systems	6	Not available in 2018
ACCY485	Special Topic in Accounting- A	6	Not available in 2018
ACCY486	Special Topic in Accounting- B	6	Not available in 2018
ACCY418	Applied Management Accounting	6	Not available in 2018
ACCY436	Management and Information Systems	6	Not available in 2018
ACCY444	Issues in Auditing	6	Not available in 2018
ACCY468	Insolvencies	6	Not available in 2018
ACCY474	Accounting Regulation	6	Not available in 2018
FIN 425	Banking Theory and Practice	6	Not available in 2018
FIN 422	Investment Management	6	Not available in 2018
FIN 423	Portfolio Management	6	Not available in

			2018
FIN 424	Financial Statement Analysis For Business	6	Not available in 2018
FIN 426	Advanced Managerial Finance	6	Not available in 2018
FIN 427	Entrepreneurial Finance	6	Not available in 2018
FIN 428	Multinational Financial Management	6	Not available in 2018
FIN 487	Special Topic in Finance	6	Not available in 2018
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 2018
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 2018

ECON403	Special Topics in Economics A	6	Spring
ECON404	Special Topics in Economics B	6	Spring

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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 Research - Faculty of Engineering and Information Sciences | 2018

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)
RESH402	Responsible Research	6	Autumn
MATH491	Mathematics Honours Thesis	12	Annual, Spring 2018/Autumn 2019

MATH451	Advanced Topics in Mathematics A	12	Autumn
MATH452	Advanced Topics in Mathematics B	12	Spring
Elective	MATH/STAT/300/400 Subjects	6	

Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
STAT491	Statistics Honours Thesis	12	Annual, Spring 2018/Autumn 2019
STAT451	Advanced Topics in Statistics A	12	Autumn
STAT452	Advanced Topics in Statistics B	12	Spring
Elective	MATH/STAT 300/400 Subjects	6	Spring

Physics

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
PHYS458	Advanced Project	12	Annual
PHYS474	Quantum Mechanics	6	Annual
PHYS476	Solid State Physics	6	Annual
PHYS473	Electromagnetism	3	Autumn

Plus one of the following			
PHYS471	Theoretical Mechanics	3	Autumn
PHYS472	Cosmology	3	Offered next in 2019
Plus			
Elective MATH/PHYS/300/400 Subjects		12	Spring

Medical Radiation Physics

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
PHYS458	Advanced Project	12	Annual
PHYS365	Detection of Radiation: Neutrons, Electrons and X-Rays	6	Autumn
PHYS366	Physics of Radiotherapy	6	Autumn
PHYS463	Nuclear Medicine	6	Spring
PHYS462	Medical Imaging	6	Autumn
PHYS461	Radiobiology and Radiation Protection	6	Spring

Computer Science

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
CSCI400	Computer Science Honours Project	18	Annual, Spring 2018/Autumn 2018

CSCI441	CS Research Methodology	6	Not offered in this year
Electives	CSCI/300/400 Subjects	18	Autumn/Spring

Information Technology

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ISIT440	IT Research Methodology	6	Not offered in this year
ISIT450	Information Systems & Technology Research Report	18	Not offered in this year
Elective	ISIT/300/400 Subjects	18	Autumn/Spring

Civil Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451 (New)	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Elective	2 400 level CIVL	12	Spring

Computer Engineering

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Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451 (New)	Engineering Research Methods	6	Autumn
ECTE458	Engineering Project 2	12	Autumn, Spring
ECTE975	Communication and ICT Workplace Practice	6	Autumn
ECTE432	Computer Architecture	6	Spring
ECTE471	Robotics and Flexible Automation	6	Spring
Plus an elective		6	Autumn or Spring

Electrical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451 (New)	Engineering Research Methods	6	Autumn
ECTE458	Engineering Project 2	12	Autumn, Spring
ECTE975	Communication and ICT Workplace Practice	6	Autumn
ECTE412	Power Electronics and Drives	6	Spring
ECTE426	Power Distribution Systems	6	Spring
Plus an elective		6	Autumn or 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 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Electives	2x ENVE/400 Subjects	12	Spring

Materials 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 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Electives	2x MATE/ENGG/400 Subjects	12	Spring

Mechanical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
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RESH402	Responsible Research	6	Autumn
ENGG451	Engineering Research Methods	6	Autumn
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Electives	2x MECH/ENGG 400 Subjects	12	Spring

Mechatronic 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 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Electives	2x MECH/ECTE/400 Subjects	12	Spring

Mining Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG451	Engineering	6	Autumn

	Research Methods		
ENGG452	Thesis A	12	Annual, Spring 2018/Autumn 2019
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2019
Electives	2x MINE/ENGG/400 Subjects	12	Spring

Telecommunications Engineering

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ECTE458	Engineering Project 2	12	Autumn, Spring
ECTE975	Communication and ICT Workplace Practice	6	Autumn
Plus two (2) of the following electives			
ECTE465	Wireless Communication Systems	6	Spring
ECTE469	Queuing Theory and Optimization	6	Spring
ECTE331	Real-time Embedded Systems	6	Spring
Plus an elective		6	Autumn or Spring

Other Information

For further information please email: eis@uow.edu.au

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2018 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 Law, Humanities and the Arts | 2018

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

The Bachelor of Research degree offered in the Faculty of Law, Humanities and the Arts offers the following research areas in English, History, Politics, Sociology, Indigenous Studies, Language and Linguistics, International Studies, Philosophy, Cultural Studies, and Science and Technology Studies. The degree 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](#) to 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](#).

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.

Research Areas

Students completing the Bachelor of Research from the Faculty of Law, Humanities and the Arts 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

Subject Code	Subject Name	Credit Points
Year 1		
LHA 401	The Writer: Critic, Analyst, Voice	12
LHA 402	The Researcher: People, Places, Methods	12
LHA 403	The Project and the Plan	12
Plus ONE of the following Discipline Subjects		
ENGL470	Research in English	12
HIST470	History and Theory	12
LANG470	Research Methods in Languages and Linguistics	12
PAIS470	Research in Politics and International Studies	12
PHIL470	Research Methods in Philosophy	12

Timetables

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 (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.

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.

Other Information

If you require further information please contact 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 Research - Faculty of Science, Medicine and Health | 2018

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)
RESH402	Responsible Research	6	Autumn
AIIM405	Preliminary Research Project	12	Autumn, Spring
Plus 30 credit points of elective subjects from the list below chosen in consultation with coordinator			
AIIM410	Advanced materials: synthesis and fabrication	6	Autumn
AIIM411	Advanced Materials: Devices, Performance and Applications	6	Autumn
AIIM414	Literature Report on contemporary topic in Innovative Materials	12	Autumn, Spring
MATE413	Structural Characterisation of Materials	6	Autumn
MATE412	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	Not available in 2018
SMAH402	Perspectives in science: A critical appraisal of conspiracy theories	6	Not available in 2018
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	Spring
MEDI405	Preliminary Research Project	12	Annual, Autumn
Plus 24 credit points from subject options listed below			
SMAH404	Critical thinking and innovation in Science	6	Not available in 2018

SMAH402	Perspectives in science: A critical appraisal of conspiracy theories	6	Not available in 2018
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

Subject Code	Subject Name	Credit Points	Session(s)
RESH402	Responsible Research	6	Autumn
RESH403	BRes Research Proposal	6	Spring
EESC405	Preliminary Project	12	Autumn, Annual
Plus 24 credit points from subject options listed below			
SMAH404	Critical thinking and innovation in Science	6	Not available in 2018
SMAH402	Perspectives in science: A critical appraisal of conspiracy theories	6	Not available in 2018
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

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2018 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 Social Sciences | 2018

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	Course Finder

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 offered in 2018
And either:			
EDPR401	Honours Thesis	18	Spring 2018/Autumn 2019
Or			
EYPD401	Early Years Project	12	Annual
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.			
EDAW401	Aboriginal Ways of Knowing and Learning	6	Autumn
EDEA402	Exploring Creativity Through Visual Arts	6	Not offered in 2018
EDEC401	Disability Issues Across the Lifespan	6	Autumn
EDEC402	Programming for Individuals with High Support Needs	6	Spring
EDEH402	PDHPE Elective: Health Promotion - Linking School and Community	6	Not offered in 2018
EDEK401	Teaching Reading and	6	Not offered

	Writing to Second Language Learners		in 2018
EDEL401	Children's Literature in the Later Primary Years	6	Autumn
EDEP401	PDHPE Elective B	6	Autumn
EDEP402	PDHPE: Coaching and Sport Administration - Elective C	6	Spring
EDET402	Teaching English in International Contexts	6	Not offered in 2018
EDET412	Teaching Speaking and Listening to Second Language Learners	6	Spring
EDPM401	Promoting Lifelong Physical Activity	6	Autumn
EDPP402	Leadership, Management and Professional Learning in Phys&Health Edu	12	Spring
EDRD402	Advanced Teaching of Reading Difficulties	6	Not offered in 2018
EDSD401	Education for Sustainability	6	Not offered in 2018
EDSE401	Education for Social Equity	6	Annual
EDUP491	Theory and Application of Special Ed in P&HE	6	Autumn
EYEK402	Engaging Koori Kids and their Families	6	Spring
EYLL402	Children's Literature in the Early Years	6	Spring
EYMP402	Advocacy and Leadership in Early Childhood	6	Spring
EYTE401	Contemporary Theories and Practice in Early Childhood	6	Autumn

EYTS401

Transition to School

6

Autumn

For information regarding timetables, tutorials, and classes please 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

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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) | 2018

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)
Year 1			
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.

ENGG105	Engineering Design for Sustainability	6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2018
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2018

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

MATE202	Thermodynamics and Phase Equilibria	6	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

Plus FOUR electives from the Material, Chemistry or Science & Technology Studies lists below. 18 credit points.

Year 3

MATE301	Engineering Alloys	6	Autumn
MATE381	Experimental Methods and Computing	6	Autumn

MATE302	Polymeric Materials	6	Spring
MATE303	Ceramics, Glasses and Refractories	6	Spring
Plus FOUR electives from the Material, Chemistry or Science & Technology Studies lists below. 24 credit points.			
Materials Electives			
MATE411	Advanced Materials and Processing	6	Autumn
MATE306	Fracture, Failure and Degradation	6	Autumn
MATE402	Secondary Materials Processing	6	Autumn
MATE413	Structural Characterisation Techniques	6	Autumn
MATE304	Transport Phenomena in Materials Processing	6	Spring
MATE433	Surface Engineering	6	Spring
MATE412	Electronic Materials	6	Spring
MATE305	Primary Materials Processing	6	Spring
Chemistry Electives			
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
CHEM314	Instrumental Analysis	8	Autumn
CHEM213	Molecular Structure, Reactivity and Change	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
CHEM321	Organic Synthesis and Reactivity	8	Spring

CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2018
Science and Technology Studies Electives			
STS 216	Environmental Sociology and Politics	6	Spring
STS 286	Risk, Media and Communication	6	Autumn

Other Information

Graduates can apply for entry to [Honours](#) in Chemistry or [Master of Philosophy](#).

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

Last reviewed: 24 November, 2017

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2018 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 | 2018

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
- Photonics (Suspended for 2018)
- Physics
- Physics and Mathematics (double major)

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](#)
- [Photonics](#) (Not available in 2018)
- [Physics and Mathematics](#) (Students must seek approval)

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)
Core Subjects			
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Year 2			

PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH202	Differential Equations 2	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 or [Academic Program Director](#)

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2018 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 | 2018

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 specialist Land 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 [Land 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 demonstrate:

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 behavior 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; 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
- Land 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
Year 1		
Autumn Session		
EESC103	Earth's Dynamic Surface	6
GEOG121	Human Geography: Life in a Globalising World	6
Plus 12 credit points at 100-level from the list of recommended electives or the General Schedule *		
Spring Session		
GEOG122	Human Geography: Living in a Material World	6
GEOG123	Indigenous Geographies: Questioning	6

	Country	
PSYC123	Research Methods and Statistics	6
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule *		
Year 2		
Autumn Session		
GEOG221	Population Geography: People, Place, Inequality	6
Plus 18 credit points at 200-level from the list of recommended electives or the General Schedule *		
Spring Session		
GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6
GEOG231	Maps and Apps for Social Scientists	6
GEOG241	Urban Geographies: Just and Sustainable Cities?	6
Year 3		
Autumn Session		
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6
Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule *		
Spring Session		
GEOG337	Environmental and Heritage Management	6
GEOG353	Qualitative GIS	6

Plus 12 credit points at 300-level from the list of recommended electives or from the Science or [General Schedule](#)*

*General Schedule subjects recommended for this major include subjects with the prefix HIST, ECON and SOC.

Recommended Electives for the Human Geography Major

Subject Code	subject Name	Credit Points
INDS150	Introduction to Indigenous Australia	6
EESC101	Planet Earth	6
EESC105	Introductory Geospatial Analysis	6
EESC102	Earth's Interconnected Spheres	6
SCIE103	Climate Change	6
EESC207	Advanced Geospatial Analysis	6
GEOG251	Disaster Geographies: Risk, Policy, Management	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
GEOG339	Geographies of Change: International Fieldwork Intensive	6
EESC328	Dung, Death and Decay: Modern Scientific Methods in Archaeology	6

Land 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
Year 1		

Autumn Session		
GEOG121	Human Geography: Life in a Globalising World	6
EESC103	Earth's Dynamic Surface	6
INDS150	Introduction to Indigenous Australia	6
EESC105	Introductory Geospatial Analysis	6
Spring Session		
EESC102	Earth's Interconnected Spheres	6
GEOG122	Human Geography: Living in a Material World	6
GEOG123	Indigenous Geographies: Questioning Country	6
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule *		
Year 2		
Autumn Session		
Select TWO of the following three subjects:		
GEOG221	Population Geography: People, Place, Inequality	6
EESC203	Biogeography and Environmental Change	6
GEOG251	Disaster Geographies: Risk, Policy, Management	6
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule *		
Spring Session		
GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG231	Maps and Apps for Social Scientists	6

GEOG224	The Future of Food: Resilience, Communities and Policy	6
Plus ONE of the following two subjects:		
EESC202	Shaping Earth's Surface	6
PSYC123	Research Methods and Statistics	6
Year 3		
Autumn Session		
EESC207	Advanced Geospatial Analysis	6
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6
Plus 6 credit points at 300-level from the list of recommended electives or from the Science or General Schedule *		
Spring Session		
GEOG337	Environmental and Heritage Management	6
GEOG353	Qualitative GIS	6
Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule *		

* General Schedule subjects recommended for this major include subjects with the prefix HIST, INDS, STS and LAW.

Recommended Electives for the Land and Heritage Management Major

Subject Code	subject Name	Credit Points
BIOL104	Evolution, Biodiversity and Environment	6
BIOL105	Functional Biology of Animals and Plants	6
EESC101	Planet Earth	6

BIOL103	Molecules, Cells and Organisms	6
SCIE103	Climate Change	6
GEOG339	Geographies of Change: International Fieldwork Intensive	6
EESC323	Fluvial Geomorphology and Sedimentology	6
STS 302	Climate Change Policy, Possible Futures	6
EESC322	Coastal Environments: Process and Management	6
INDS302	Indigenous Thinkers: Global Perspectives	6
LAW 381	Law for Environmental Managers	6

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

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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 | 2018

Note: This course is currently under review and is not available in 2018 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 2018
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

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Bachelor of Science (Honours) (Physics) | 2018

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)
PHYS457	Research Project	24	Annual, Spring 2016/Autumn 2018
PHYS466	Research Methods	6	Annual
PHYS474	Quantum Mechanics	6	Annual
PHYS476	Solid State Physics	6	Annual
PHYS473	Electromagnetism	3	Autumn
Plus one of the following			
PHYS471	Theoretical Mechanics	3	Autumn (odd years)
PHYS472	Cosmology	3	Autumn (even years)

Other Information

For further information email: 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) | 2018

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
Annual Session Full-time: Select ONE of the following TWO subjects:		

GEOG401	Human Geography Honours Full-time	48
GEOG406	Human Geography Joint Honours	24
Annual Session Part-time: Select GEOG404 in the first year of study. Select GEOG405 in the second year of study		
GEOG404	Human Geography Honours Part 1 (Part-time Students)	24
GEOG405	Human Geography Honours Part 2 (Part-time Students)	24

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

Other Information

For further information email: 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 Science (Honours) (Dean's Scholar) | 2018

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

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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) | 2018

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 Land 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 demonstrate:

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 behavior 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).

Majors

There are two majors available for the Bachelor of Science (Honours) (Dean's

Scholar):

- Human Geography; and
- Land 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
Year 1		
Autumn Session		
EESC103	Earth's Dynamic Surface	6
GEOG121	Human Geography: Life in a Globalising World	6
Plus 12 credit points at 100-level from the list of recommended electives or the General Schedule *		
Spring Session		
GEOG122	Human Geography: Living in a Material World	6
GEOG123	Indigenous Geographies: Questioning Country	6
PSYC123	Research Methods and Statistics	6
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule *		
Year 2		
Autumn Session		
GEOG221	Population Geography: People, Place, Inequality	6

Plus 18 credit points at 200-level from the list of recommended electives or the [General Schedule](#)*

Spring Session

GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6
GEOG231	Maps and Apps for Social Scientists	6
GEOG241	Urban Geographies: Just and Sustainable Cities?	6

Year 3

Autumn Session

GEOG335	Directed Studies in Geography and Sustainable Communities A**	6
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6

Plus 6 credit points at 300-level from the list of recommended electives or from the Science or [General Schedule](#)*

Spring Session

GEOG337	Environmental and Heritage Management	6
GEOG353	Qualitative GIS	6

Plus 12 credit points at 300-level from the list of recommended electives or from the Science or [General Schedule](#)*

Year 4

Annual Session

GEOG401	Human Geography Honours Full-time	48
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Students enrolled part-time will complete the following TWO subjects:

GEOG404	Human Geography Honours Part 1 (Part-time Students)	24
GEOG405	Human Geography Honours Part 2 (Part-time Students)	24

*General Schedule subjects recommended for this major include subjects with the prefix HIST, ECON and SOC.

**GEOG335 may be substituted with [GEOG351](#) in Spring session.

Recommended Electives for the Human Geography Major

Subject Code	subject Name	Credit Points
INDS150	Introduction to Indigenous Australia	6
EESC101	Planet Earth	6
EESC105	Introductory Geospatial Analysis	6
EESC102	Earth's Interconnected Spheres	6
SCIE103	Climate Change	6
EESC207	Advanced Geospatial Analysis	6
GEOG251	Disaster Geographies: Risk, Policy, Management	6
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6
GEOG339	Geographies of Change: International Fieldwork Intensive	6
EESC328	Dung, Death and Decay: Modern Scientific Methods in Archaeology	6

Land 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
Year 1		
Autumn Session		
GEOG121	Human Geography: Life in a Globalising World	6
EESC103	Earth's Dynamic Surface	6
INDS150	Introduction to Indigenous Australia	6
EESC105	Introductory Geospatial Analysis	6
Spring Session		
EESC102	Earth's Interconnected Spheres	6
GEOG122	Human Geography: Living in a Material World	6
GEOG123	Indigenous Geographies: Questioning Country	6
Plus 6 credit points at 100-level from the list of recommended electives or the General Schedule *		
Year 2		
Autumn Session		
Select TWO of the following three subjects:		
GEOG221	Population Geography: People, Place, Inequality	6
EESC203	Biogeography and Environmental Change	6
GEOG251	Disaster Geographies: Risk, Policy, Management	6
Plus 12 credit points at 200-level from the list of recommended electives or the General Schedule *		
Spring Session		

GEOG222	Society and Environment: Resources, Challenges, Futures	6
GEOG231	Maps and Apps for Social Scientists	6
GEOG224	The Future of Food: Resilience, Communities and Policy	6
Plus ONE of the following two subjects:		
EESC202	Shaping Earth's Surface	6
PSYC123	Research Methods and Statistics	6
Year 3		
Autumn Session		
EESC207	Advanced Geospatial Analysis	6
GEOG336	Qualitative Research Design for Social Scientists	6
GEOG338	Planning Urban Futures	6
Plus 6 credit points at 300-level from the list of recommended electives or from the Science or General Schedule *		
Spring Session		
GEOG337	Environmental and Heritage Management	6
GEOG353	Qualitative GIS	6
Plus 12 credit points at 300-level from the list of recommended electives or from the Science or General Schedule *		
Year 4		
Annual Session		
GEOG401	Human Geography Honours Full-time	48
Students enrolled part-time will complete the following TWO subjects:		
GEOG404	Human Geography Honours Part 1 (Part-	24

	time Students)	
GEOG405	Human Geography Honours Part 2 (Part-time Students)	24

* General Schedule subjects recommended for this major include subjects with the prefix HIST, INDS, STS and LAW.

Recommended Electives for the Land and Heritage Management Major

Subject Code	subject Name	Credit Points
BIOL104	Evolution, Biodiversity and Environment	6
BIOL105	Functional Biology of Animals and Plants	6
EESC101	Planet Earth	6
BIOL103	Molecules, Cells and Organisms	6
SCIE103	Climate Change	6
GEOG339	Geographies of Change: International Fieldwork Intensive	6
EESC323	Fluvial Geomorphology and Sedimentology	6
STS 302	Climate Change Policy, Possible Futures	6
EESC322	Coastal Environments: Process and Management	6
INDS302	Indigenous Thinkers: Global Perspectives	6
LAW 381	Law for Environmental Managers	6

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

Other Information

For further information email: ssc@uow.edu.au

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2018 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) - Bachelor of Arts | 2018

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 [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. 90 credit points of subjects from the [Bachelor of Arts](#) degree, including the subjects prescribed for one of the majors within the degree;
- 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 or [Academic Program Director](#)

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2018 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 | 2018

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 point of subjects offered by the Faculty of Law, Humanities and the Arts, including:

- a. [LHA 101](#) Introduction to Arts and the Humanities;
 - b. at least one of the majors listed in the Bachelor of Arts;
 - 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

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2018 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 | 2018

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

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2018 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) | 2018

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)
Year 1			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
OR			
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.			
MATH187	Mathematics 1: Algebra	6	Autumn

	and Differential Calculus		
PHYS141	Fundamentals of Physics A	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn/Spring
EESC102	Earth's Interconnected Spheres	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
OR			
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.			
# 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			
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
EESC103	Earth's Dynamic Surface	6	Autumn
MATH202	Differential Equations 2	6	Spring
PHYS215	Vibrations, Waves & Optics	6	Autumn

PHYS225	Electromagnetism and Optoelectronics	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
PHYS385	Statistical Mechanics	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
Plus one of the following - the second subject will be complete in 4th year			
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Not available in 2018
PHYS403	Physics of Atmospheres and Oceans	6	Not available in 2018
Year 4			
PHYS457	Research Project	24	Annual, Spring 2018/Autumn 2019
PHYS466	Research Methods	6	Annual
STAT332	Linear and Generalised Linear Models	6	Spring
Plus one of the following - the one that was not completed in			

year 3			
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Not available in 2018
PHYS403	Physics of Atmospheres and Oceans	6	Not available in 2018
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 or [Academic Program Director](#)

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2018 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) | 2018

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)
Year 1			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
OR			
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.			
MATH187	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
OR			
CHEM105	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 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.</p>			
Plus an elective or			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
Year 2			
BIOL213	Principles of Biochemistry	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring
CHEM214	Analytical and	6	Spring

	Environmental Chemistry		
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
Year3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
CHEM324	Instrumental Analysis	6	Autumn
CHEM325	Bioinformatics: From Genome to Structure	6	Spring
BNAN201	Biology at the Nanoscale	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
PHYS369	Imaging, Structure and Dynamics of Living and Soft Matter	6	Not available in 2018
PHYS385	Statistical Mechanics	6	Spring
Year4			
PHYS457	Research Project	24	Annual, Spring 2018/Autumn 2019
PHYS466	Research Methods	6	Annual
PHYS476	Solid State Physics	6	Annual
PHYS462	Medical Imaging	6	Autumn
Plus			
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 or [Academic Program Director](#)

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2018 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 2018.

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring

Plus THREE electives*			
Year 2			
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
PHYS306	Project in Physics	6	Autumn /Spring
Plus ONE subject from the following two subjects:			
PHYS335	Classical Mechanics	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
Plus the following subjects:			
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring

Plus ONE elective*			
Year 4			
PHYS457	Research Project	24	Annual, Spring 2018/Autumn 2018
PHYS474	Quantum Mechanics	6	Annual
PHYS476	Solid State Physics	6	Annual
PHYS466	Research Methods	6	Annual
PHYS473	Electromagnetism	3	Autumn
Plus one of the following			
PHYS472	Cosmology	3	Autumn
PHYS471	Theoretical Mechanics	3	offered in odd years
* Recommended Physics Electives			
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 or [Academic Program Director](#)

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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 | 2018

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)
Year 1			
Spring			
HAS 140	Health Communication	6	Spring

Year 2			
Autumn			
MARK213	Marketing Principles	6	Autumn, Spring
Spring			
HAS 215	Healthy Public Policy	6	First Offered in 2019
MARK320	Social Marketing	6	Spring
Year 3			
Autumn			
HAS 346	Social Advocacy	6	Spring
HAS 390	Community Engagement and Development for Social Change	6	First Offered in 2020
Spring			
HAS 351	Health Promotion Competencies	6	Spring
HAS 348	Social Innovation and Entrepreneurship	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

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Human Geography | 2018

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)
Year 2			
GEOG231	Maps and Apps for Social Scientists	6	Spring
<i>Plus ONE of the following two subjects:</i>			
EESC103	Earth's Dynamic Surface	6	Autumn
GEOG241	Urban Geographies: Just and Sustainable Cities?	6	Spring
<i>And at least 12 credit points from the following:</i>			
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
GEOG251	Disaster Geographies: Risk, Policy, Management	6	Not available in 2018
Year 3			
Autumn			
GEOG336	Qualitative Research Design for Social Scientists	6	Autumn
GEOG338	Planning Urban Futures	6	Autumn
Spring			
GEOG337	Environmental and Heritage Management	6	Spring

GEOG353	Qualitative GIS	6	Spring
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The following subjects are recommended for students who have elective space in their program.

Recommended Electives

Subject Code	Subject Name	Credit Points	Session(s)
100 Level			
EESC101	Planet Earth	6	Autumn
GEOG123	Indigenous Geographies: Questioning Country	6	Spring
SCIE103	Climate Change	6	Spring
200 Level			
EESC203	Biogeography and Environmental Change	6	Autumn
STS 216	Environmental Sociology and Politics	6	Spring
300 Level			
GEOG339	Geographies of Change: International Fieldwork Intensive	6	Not available in 2018
INDS302	Indigenous Thinkers: Global Perspectives	6	Spring
SOC 347	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

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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 | 2018

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)
Year 2			
Autumn			
HAS 231	Promoting the Public's Health	6	Autumn
<i>And one of the following:</i>			
HAS 230	Contemporary Public Health	6	Autumn

	Issues		
HAS 125	Public Health Achievements and Challenges	6	Autumn
Spring			
GEOG231	Maps and Apps for Social Scientists *	6	Spring
HAS 251	Introduction to Epidemiology	6	Spring
HAS 234	Research Methods in the Social Sciences	6	Spring
Year 3			
Spring			
HAS 350	Social Determinants of Indigenous Health	6	Spring
HAS 346	Social Advocacy	6	Spring
HAS 347	Social Sciences Project	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

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Social Policy | 2018

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)
Year 2			
Autumn			
SOWK237	Social Work and the Law	6	Autumn

Spring			
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
Year 3			
Autumn			
HAS 356	Comparative Social Policy	6	Autumn
Spring			
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	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

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Science Schedule of Subjects | 2018

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)
Biological Sciences			
BIOL103	Molecules, Cells and Organisms	6	Spring
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
BIOL212	Introductory Microbiology and Immunology	6	Not available in 2018
BIOL213	Principles of Biochemistry	6	Autumn
BIOL214	The Biochemistry of Energy and Metabolism	6	Spring

BIOL215	Introductory Genetics	6	Spring
BIOL232	Biology Research Internship	6	Annual, Autumn, Spring, Summer 2018/2019
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL251	Principles of Ecology	6	Autumn
BIOL252	Evolution and Behaviour	6	Spring
BIOL292	Special Biology Studies	6	Autumn, Spring
MARE200	Introduction to Oceanography	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
BIOL341	Immunity and Infection	6	Spring
BIOL342	Biomedical Research:Skills and Techniques	6	Spring
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL360	Applications in Conservation Biology	6	Autumn, Spring, Summer 2018/2019
BIOL361	Conservation Biology	6	Autumn
BIOL362	Ecophysiology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Spring

BIOL364	Advanced Biology	6	Autumn, Spring, Summer 2018/2019
BIOL365	Marine and Terrestrial Ecology	6	Spring
BIOL366	Advanced Biology	12	Autumn, Spring, Summer 2018/2019
MARE360	Fisheries and Aquaculture	6	Spring
MARE363	Advanced Marine Science Project	6	Autumn, Spring, Summer 2018/2019
Chemistry			
BNAN101	Introduction to Bionanotechnology	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM103	Introductory Chemistry For Engineers	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
NANO101	Current Perspectives in	6	Spring

	Nanotechnology		
SCED101	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 2018/2019
CHEM232	Chemistry Research Internship	6	Annual, Autumn, Spring, Summer 2018/2019
NANO201	Research Topics in Nanotechnology	6	Spring
BNAN301	Research Project in Bionanotechnology	12	Not available in 2018
CHEM324	Instrumental Analysis	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 2018/2019
CHEM358	Pharmacology	6	Autumn, Spring
CHEM360	Organic Synthesis III	6	Autumn, Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Earth and Environmental Sciences			
ARCH102	Big Questions in Archaeology	6	Spring
EESC100	Earth and Us	6	Not available in 2018
EESC101	Planet Earth	6	Autumn
EESC102	Earth's Interconnected Spheres	6	Spring
EESC103	Earth's Dynamic Surface	6	Autumn
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring
ARCH202	World Archaeology	6	Autumn
EESC201	Earth's Inferno	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
EESC203	Biogeography and Environmental Change	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
EESC209	G-cubed: Geochemistry,	6	Spring

	Geochronology, Geophysics		
EESC232	Earth and Environmental Sciences Research Internship	6	Autumn
EESC250	Field Geology	6	Summer 2018/2019
EESC252	Geology for Engineers I	6	Spring
EESC260	Earth and Environmental Sciences Research Project	6	Autumn, Spring
ARCH300	Directed Studies in Archaeology	6	Autumn, Spring, Summer 2018/2019
ARCH301	Archaeology in Action: Understanding the Archaeological record	6	Spring
ARCH302	Digging Down Under: Archaeology of Australasia	6	Not available in 2018
ARCH303	Dung, death and decay: modern methods in Archaeology	6	Autumn
EESC320	Capstone:Earth and Environmental Sciences	6	Autumn, Spring
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC322	Coastal Environments: Process and Management	6	Spring
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
EESC326	Resources and Environments	6	Spring

EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
EESC329	Directed Studies in Earth and Environmental Sciences	6	Spring
EESC330	Advanced field skills in the Earth Sciences	6	Not available in 2018
EESC331	Changing Global Environments	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
General Science			
CIVL272	Surveying	6	Spring
CIVL322	Hydraulics and Hydrology	6	Autumn
CIVL361	Geomechanics	6	Autumn
CIVL463	Applied Geotechnical Engineering	6	Spring
CSCI103	Algorithms and Problem Solving	6	Not available in 2018
CSCI114	Procedural Programming	6	Not available in 2018
ENGG252	Engineering Fluid Mechanics	6	Autumn
ENVE220	Water Quality and Ecological Engineering	6	Spring
ENVE221	Air and Noise Pollution Control Engineering	6	Spring
ENVE420	Water Resources Engineering	6	Autumn

GEOG121	Human Geography: Life in a Globalising World	6	Autumn
GEOG122	Human Geography: Living in a Material World	6	Spring
GEOG221	Population Geography: People, Place, Inequality	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
GEOG224	The Future of Food: Resilience, Communities and Policy	6	Spring
GEOG231	Maps and Apps for Social Scientists	6	Spring
INFO411	Data Mining and Knowledge Discovery	6	Autumn
MATE201	Structure of Materials	6	Spring
MATE304	Transport Phenomena in Materials Processing	6	Spring
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
MATH151	General Mathematics 1A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH202	Differential Equations 2	6	Spring

MATH283	Advanced Engineering Mathematics and Statistics	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
PHYS155	Introduction to Biomedical Physics	6	Spring
PHYS205	Advanced Modern Physics	6	Autumn
PHYS206	Project in Physics	6	Autumn, Spring
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS233	Introduction to Environmental Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
PHYS255	Radiation Physics	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
PHYS305	Quantum Mechanics	6	Autumn
PHYS306	Project in Physics	6	Autumn, Spring
PHYS325	Electromagnetism	6	Autumn
PHYS335	Classical Mechanics	6	Not available in 2018
PHYS365	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring

PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
PHYS396	Electronic Materials	6	Spring
SCIE292	Science Research Internship	6	Annual, Autumn, Spring, Summer 2018/2019
MEDI100	Human Structure and Function	6	Autumn
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
MEDI113	Physiology of Sport, Exercise and Physical Activities	6	Spring
MEDI211	Control Mechanisms Physiology	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
MEDI361	Nutrients & Metabolism	6	Autumn
MEDI362	Research in Human Nutrition	6	Autumn
STAT252	Statistics For the Natural Sciences	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
SMAH200	Skills to Enhance Global Employability	6	Not available in 2018

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Bachelor of Science (Biological Sciences) | 2018

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MATH151	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 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
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
Select ONE of the following subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
*Students should consider enrolling in STAT252 in Spring Session of First Year if MATH151 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
------------------------------	----

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.

BIOL213	Principles of Biochemistry	6	Autumn
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	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
STAT252	Statistics For the Natural Sciences* [^]	6	Spring

*If not completed in Year 1.

Total for major at 200-level	24
------------------------------	----

Year 3

All students majoring in Biological Sciences must take at least four subjects from the following lists. Recommended subject combinations are as follows:

Option 1: Four of the following subjects:			
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
Option 2: Four of the following subjects:			
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	
Degree Total		144	

^ 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

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Bachelor of Science (Chemistry) | 2018

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)
Year 1			
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			
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
Summer			
Only for students who have completed CHEM104 and CHEM105.			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
Total for major at Year 1		12	

MATH151	General Mathematics 1A	6	Autumn
* 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			
Year 2			
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
Total for major at Year 2		24	
Year 3			
At least FOUR subjects 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
Total for major at Year 3		24	
Sub-total for major		60	
Plus additional subjects chosen from the Science Schedule		30	
Total for major		90	

Plus elective subjects chosen from the Science or General Schedules	54
Degree Total	144

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

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2018 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 (Geology) | 2018

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)
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
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring

EESC250	Field Geology	6	Summer 2018/2019
Total for major at Year 2		24	
Recommended Electives			
EESC203	Biogeography and Environmental Change	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
Year 3[^]			
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
Total for major at Year 3		24	
Recommended Electives			
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
Total for major		72	
Plus elective subjects chosen from the Science or General Schedules		72	
Degree Total		144	

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) 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.

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

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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 (Physical Geography and Environmental Geosciences) | 2018

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)
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
GEOG122	Human Geography: Living in a Material World	6	Spring
Year 2			
EESC203	Biogeography and Environmental Change	6	Autumn

EESC207	Advanced Geospatial Analysis	6	Spring
EESC202	Shaping Earth's Surface	6	Spring
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
Total for major at Year 2		24	
Recommended Electives			
EESC250	Field Geology	6	Summer 2017/2018
EESC201	Earth's Inferno	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
Year 3			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
EESC322	Coastal Environments: Process and Management	6	Spring
EESC331	Changing Global Environments	6	Spring
Total for major at Year 3		24	
Recommended Electives			
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
GEOG337	Environmental and Heritage	6	Spring

	Management		
EESC326	Resources and Environments	6	Spring
Total for major		72	
Plus elective subjects chosen from the Science or General Schedules		72	
Degree Total		144	

* 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.

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

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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) | 2018

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
EESC105	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 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
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
SCIE103	Climate Change	6	Spring
STAT252	Statistics For the Natural	6	Spring

	Sciences		
Plus 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
Year 2			
Autumn			
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	Principles of Ecology	6	Autumn
MATH151	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.			
Spring			
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
EESC207	Advanced Geospatial Analysis	6	Spring
Plus subjects from the following list to give a total of 48 credit points for Year 2:			
EESC203	Biogeography and Environmental Change	6	Autumn
MARE200	Introduction to Oceanography	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
PHIL256	Environmental Philosophy: Animals, Nature and Ethics	6	Spring
Students wishing to specialise in Conservation Genetics should			

select subjects from the following list:			
BIOL213	Principles of Biochemistry	6	Autumn
BIOL215	Introductory Genetics	6	Spring
Year 3			
BIOL362	Ecophysiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL365	Marine and Terrestrial Ecology	6	Spring
Plus 30 credit points of subjects from the following list:			
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 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

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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) | 2018

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
EESC101	Planet Earth	6	Autumn
EESC103	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.**

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
EESC102	Earth's Interconnected Spheres	6	Spring
EESC105	Introductory Geospatial Analysis	6	Autumn, Spring

Select ONE of the following subjects:

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring

Year 2**Autumn**

BIOL251	Principles of Ecology	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
PHYS233	Introduction to Environmental Physics	6	Autumn

Select ONE subject from the following list:

BIOL105	Functional Biology of Animals and Plants	6	Autumn
EESC203	Biogeography and	6	Autumn

	Environmental Change		
MATH151	General Mathematics 1A	6	Autumn
Spring			
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
Year 3			
Core			
EESC320	Capstone:Earth and Environmental Sciences	6	Spring
EESC331	Changing Global Environments	6	Spring
Plus 36 credit points of subjects from the following list:			
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
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC322	Coastal Environments: Process	6	Spring

	and Management		
EESC326	Resources and Environments	6	Spring
BIOL365	Marine and Terrestrial Ecology	6	Spring
BIOL252	Evolution and Behaviour	6	Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
GEOG337	Environmental and Heritage Management	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

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

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Bachelor of Science (Medical Biotechnology) | 2018

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)
Year 1			
Autumn			
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MATH151	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 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
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
Please select ONE of the following two subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry:	6	Spring

Reactions and Structures			
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 2018/2019
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:			
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
* STS 112 is compulsory for students taking an approved course of study which does not include SOC 251 (in Year 2).			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
Spring			
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
Plus, 18 credit points of subjects from the following list:			

Note: Students are strongly recommended to select [CHEM212](#) as one of the options.

BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
MGNT208	Introduction to Management for Professionals A	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
SOC 251	Genetics, Biotechnology and Society	6	Autumn
BIOL241	Biodiversity of Terrestrial Organisms	6	Spring

** Compulsory for students who have not taken [STS 112](#) in Year 1.

Year 3

Autumn

BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn

Plus two subjects from the following list:

BIOL362	Ecophysiology	6	Autumn
CHEM358	Pharmacology	6	Autumn
MEDI312	Fundamentals of Neuroscience	6	Autumn
PHIL326	Bioethics	6	Autumn

Spring

BIOL341	Immunity and Infection	6	Spring
CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6	Spring

Plus two subjects from the following list:

CHEM360	Organic Synthesis III	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
MEDI323	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

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2018 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) | 2018

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)
Year 1			
Autumn			
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 .			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Plus 12 credit points of subjects from the following list:			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	Functional Biology of Animals and Plants	6	Autumn
MEDI110	Human Growth Nutrition and Exercise	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn
MATH141	Foundations of Engineering	6	Autumn,

	Mathematics		Spring
OR			
MATH151	General Mathematics 1A	6	Autumn
OR			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
*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.			
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
MEDI112	Introduction to Anatomy and Physiology II	6	Spring
STAT252	Statistics For the Natural Sciences	6	Spring
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
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
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.			
Year 2			
Autumn			

BIOL213	Principles of Biochemistry	6	Autumn
CHEM211	Inorganic Chemistry II	6	Autumn
CHEM212	Organic Chemistry II	6	Autumn
MEDI211	Control Mechanisms Physiology	6	Autumn
Spring			
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
Year 3			
Autumn			
CHEM358	Pharmacology	6	Autumn
CHEM374	Molecular Spectroscopy and Structure Elucidation	6	Autumn
Plus, 12 credit points of subjects from the following list:			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
BIOL340	Cell and Molecular Biology	6	Autumn
CHEM324	Chemical Analysis and Inference	6	Autumn
Or other subject as approved by the course coordinator.			
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
CHEM360	Organic Synthesis III	6	Spring

CHEM333	Drug Discovery and Medicinal Chemistry	6	Spring
Plus ONE subject from the following list:			
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring
BIOL341	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

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Bachelor of Science (Bionanotechnology) | 2018

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)
Year 1			
Autumn			
BNAN101	Introduction to Bionanotechnology	6	Autumn
PHYS141	Fundamentals of Physics A	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.			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
Select ONE of the following two subjects:			
MATH141	Foundations of Engineering Mathematics	6	Autumn, Spring

MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
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
Select ONE of the following two subjects:			
MATH142	Essentials of Engineering Mathematics	6	Spring, Summer 2018/2019
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Summer			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
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.			
Year 2			
Autumn			
BIOL213	Principles of Biochemistry	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn

CHEM212	Organic Chemistry II	6	Autumn
ENGG103	Materials in Design	6	Autumn
Spring			
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
Year 3			
Autumn			
BIOL343	Techniques in Biotechnology and Medical Research	6	Autumn
Select THREE of the following subjects:			
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
Spring			
CHEM325	Bioinformatics:Genome, Genes and Biomolecules	6	Spring
MATE201	Structure of Materials	6	Spring
Select TWO of the following subjects:			

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

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

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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 Engineering and Information Sciences) | 2018

The Faculty of Engineering and Information Sciences offers the following Minors to students in any degree, where their course rules allow:

- [Energy and Climate](#)
- [Engineering Innovation & Entrepreneurship](#)
- [General Physics](#)
- [Informatics](#)
- [Mathematics](#)
- [Physics](#)
- [Sustainable Building Services](#)

Energy and Climate

Subject Code	Subject Name	Credit Points	Session(s)
PHYS154	Energy, Climate Change and Human Society	6	Autumn
Plus one of the following			
SCIE103	Climate Change	6	Spring

EESC102	Earth's Interconnected Spheres	6	Spring
Plus two of the following			
STS 216	Environmental Sociology and Politics	6	Spring
STS 302	Climate Change Policy, Possible Futures	6	Autumn
INTS311	Human Security, Global Capitalism and the Environment	6	Autumn
ENGG378	Sustainable Energy Technologies	6	Spring

Please note the [ENGG378](#) may have pre-requisites.

Engineering Innovation and Entrepreneurship

Subject Code	Subject Name	Credit Points	Session(s)
FEIS400	Lean Engineering Start Up	12	Summer 2018/2019
	Faculty of Business subject - any first year subject from the Bachelor of Commerce (eg. ACCY111 , COMM101 , ECON100 , MGNT102 , MGNT110 , MARK101)	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:

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Subject Code	Subject Name	Credit Points	Session(s)
PHYS154	Energy, Climate Change and Human Society	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
PHYS233	Introduction to Environmental Physics	6	Autumn
PHYS295	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)
CSIT114	System Analysis	6	Autumn, Spring
CSIT111	Programming Fundamentals	6	Autumn, Spring
Plus 12 credit points from the following:			
ISIT204	Principles of eBusiness	6	Spring
ISIT224	Management Information Systems	6	Spring
CSIT226	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)
MATH201	Multivariate and Vector Calculus	6	Autumn
Plus 18 credit points (3 subjects) from the following lists:			
200-Level Subjects			
MATH202	Differential Equations 2	6	Spring
MATH203	Linear Algebra	6	Autumn
MATH204	Complex Variables and Group Theory	6	Spring
MATH212	Applied Mathematical Modelling 2	6	Spring
MATH222	Continuous Mathematics	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
STAT232	Estimation and Hypothesis Testing	6	Spring
300-Level Subjects			
MATH302	Differential Equations 3	6	Autumn
MATH305	Partial Differential Equations	6	Spring
MATH312	Applied Mathematical Modelling 3	6	Not offered in this year
MATH313	Industrial Mathematical Modelling	6	Spring
MATH317	Financial Calculus	6	Autumn
MATH318	Operations Research	6	Autumn
MATH321	Numerical Analysis	6	Spring

MATH322	Algebra	6	Not offered in this year
MATH323	Topology and Chaos	6	Not offered in this year
MATH324	Calculus of Variations and Geometry	6	Spring
MATH325	Wavelets	6	Autumn
MATH329	Medical Mathematics and Applications	6	Autumn
MATH371	Special Topics in Industrial and Applied Mathematics 3	6	Spring
MATH372	Special Topics in Mathematical Analysis 3	6	Not offered in this year
STAT304	Applied Probability and Financial Risk	6	Autumn
STAT332	Linear and Generalised Linear Models	6	Spring
STAT333	Statistical Inference	6	Spring
STAT335	Sample Surveys and Experimental Design	6	Autumn
STAT373	Special Topics in Probability and Statistics 3	6	Autumn
STAT374	Special Topics in Applied Statistics 3	6	Spring
INFO411	Data Mining and Knowledge Discovery	6	Autumn
INFO412	Mathematics for Cryptography	6	Autumn

*Note: [MATH201](#) pre-requisites are usually [MATH187](#) and [MATH188](#).

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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
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS205	Advanced Modern Physics	6	Autumn
And one of the following			
PHYS225	Electromagnetism and Optoelectronics	6	Spring
OR			
PHYS255	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:			
ENGG447	Advanced Building Design for Energy Efficiency and	6	Autumn

	Sustainability		
ENGG442	Sustainable Energy in Buildings	6	Spring
CIVL458	Fundamentals of Construction Management	6	Spring
Plus remaining credit points to be completed from the following:			
ENVE320	Environmental Engineering Design for Sustainability	6	Spring
ENGG378	Sustainable Energy Technologies	6	Spring
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	6	Autumn

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Bachelor of Engineering (Honours) (Electrical, Computer, Telecommunications) List A & List B Elective Subjects | 2018

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)
ECTE323	Power Engineering 2	6	Spring
ECTE331	Real-time Embedded Systems	6	Spring

ECTE401	Multimedia Signal Processing	6	Autumn
ECTE412	Power Electronics and Drives	6	Spring
ECTE423	Power System Analysis	6	Autumn
ECTE426	Power Distribution Systems	6	Spring
ECTE427	Renewable and Embedded Generation	6	Not available in 2018
ECTE428	Energy Efficiency in Electricity Utilisation	6	Not available in 2018
ECTE429	Smart Power Grids	6	Spring
ECTE431	Real-Time Computing	6	Not available in 2018
ECTE432	Computer Architecture	6	Spring
ECTE433	Embedded Systems	6	Autumn
ECTE441	Intelligent Control	6	Autumn
ECTE442	Computer Controlled Systems	6	Autumn
ECTE465	Wireless Communication Systems	6	Spring
ECTE468	Coding and Error Correction	6	Not available in 2018
ECTE469	Queuing Theory and Optimization	6	Spring
ECTE471	Robotics and Flexible Automation	6	Spring
ECTE482	Network Engineering	6	Autumn
ECTE496	Optical Communication Systems	6	Spring

FEIS400	Lean Engineering Start Up*	12	Summer 2018/2019
INFO411	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)
CAVA124	Introduction to Photography 1	6	Autumn
CSCI203	Algorithms and Data Structures	6	Spring
ECON101	Macroeconomic Essentials for Business	6	Not available in 2018
ECON111	Introductory Microeconomics	6	Not available in 2018
ELL 151	Effective Spoken Communication (NESB)	6	Autumn
ELL 152	Effective Written Communication (NESB)	6	Spring
ELL 182	Effective Written Communication (ESB)	6	Spring
ELL 230	Communication Across Cultures	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
MATH318	Operations Research	6	Spring
SPAN151	Spanish for Beginners 1	6	Autumn
MECH470	Applied Topics in Mechatronics	6	Spring
PHYS154	Energy, Climate Change and Human Society	6	Autumn
PHYS295	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

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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 (Asset Management) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG950	Innovation and Design	6	Autumn
ENGG958	Life-Cycle and Risk Management	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG951	Engineering Project Management	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
ENGG960	Maintenance Requirement Analysis	6	Spring

Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
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
Plus ONE elective 900-level ENGG or MGNT subject 6			

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 or [Academic Program Director](#)

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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) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG950	Innovation and Design	6	Autumn
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG951	Engineering Project Management	6	Spring
ENGG939	Engineering Logistics	6	Spring
Plus ONE elective 900-level ENGG or MGNT subject (6cp).		6	Spring

Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
ENGG958	Life-Cycle and Risk Management	6	Autumn
ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
OPS 908	Supply Chain Management	6	Trimester 1, Trimester 2, Trimester 3
Plus ONE elective 900-level ENGG or MGNT subject (6cp).			

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 or [Academic Program Director](#)

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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 (Civil Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG950	Innovation and Design	6	Autumn
CIVL911	Structural Design Based on Australian Standards	6	Autumn
ENGG851	Engineering Research Methods	6	Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring
Year 2			

ENGG940	Dissertation	12	Annual
CIVL909	Advanced Foundation Engineering	6	Autumn
CIVL912	Engineering Hydrology	6	Autumn
CIVL980	Advanced Computer Applications	6	Autumn
CIVL904	Sustainable Roads & Railway Engineering	6	Spring
CIVL908	Advanced Soil Mechanics	6	Spring
CIVL958	Construction Management	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 or [Academic Program Director](#)

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2018 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 (Computer Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG950	Innovation and Design	6	Autumn
ECTE955	Advanced Laboratory	6	Autumn
ECTE975	Communication and ICT Workplace Practice	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
Plus ONE elective subject from the list below:			
ECT8333	Microcontroller Architecture and Applications	6	Annual
ECT8301	Digital Signal Processing	6	Autumn
ECT8324	Power Engineering 1	6	Autumn

MTH8318	Operations Research	6	Autumn
ECT8363	Communication Systems	6	Autumn
ECT8323	Power Engineering 2	6	Spring
ECT8344	Control Theory	6	Spring
ECT8364	Data Communications	6	Spring
Plus THREE elective subjects from the list below:			
ECTE801	Multimedia Signal Processing	6	Autumn
ECTE833	Embedded Systems	6	Autumn
ECTE841	Intelligent Control	6	Autumn
ECTE882	Network Engineering	6	Autumn
ECTE832	Computer Architecture	6	Spring
ECTE871	Robotics and Flexible Automation	6	Spring
Year 2			
ECTE953	Advanced Project	12	Autumn, Spring
ECTE906	Advanced Signals and Systems	6	Autumn, Spring
ECTE903	Image and Video Processing	6	Spring
ECTE992	The Future Internet: Architectures and Communication Protocols	6	Spring
1 Professional Elective*		6	
1 Technical Elective 900-level ECTE subject*		6	
1 Technical Elective 900-level ECTE or non-ECTE subject*		6	

Professional and Technical Elective Subjects

Choose 1 [Professional Elective](#), 1 [Technical Elective 900-level ECTE subject](#) and 1 [Technical Elective 900-level ECTE](#) or [non-ECTE](#) subject from the lists below:

(* For advice on choosing the Professional and Technical Electives please meet with your [Academic Program Director](#).)

Subject Code	Subject Name	Credit Points	Session(s)
Technical Electives 900-level ECTE subjects:			
ECTE902	Optimum Signal Processing	6	Not offered in this year
ECTE903	Image and Video Processing	6	Spring
ECTE921	Power Quality and Reliability	6	Not offered in this year
ECTE923	Power System Analysis	6	Autumn
ECTE927	Renewable and Distributed Generation	6	Autumn
ECTE944	Identification and Optimal Control	6	Not offered in this year
ECTE962	Telecommunications System Modelling	6	Spring
ECTE967	Mobile Networks	6	Autumn
ECTE987	Optoelectronic Sensing	6	Autumn
ECTE992	The Future Internet: Architectures and Communication Protocols	6	Spring
Technical Electives 900-level non-ECTE subjects:			
CSCI933	Machine Learning Algorithms and Applications	6	Autumn

CSCI935	Computer Vision Algorithms and Systems	6	Spring
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
MECH941	Micro/Nano Robotic Systems	6	Autumn
Professional Electives:			
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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2018 Postgraduate Courses

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Master of Engineering (Electrical Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG950	Innovation and Design	6	Autumn
ECTE955	Advanced Laboratory	6	Autumn
ECTE975	Communication and ICT Workplace Practice	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
Plus ONE elective subject from the list below:			
ECT8333	Microcontroller Architecture and Applications	6	Annual
ECT8301	Digital Signal Processing	6	Autumn
ECT8324	Power Engineering 1	6	Autumn

ECT8363	Communication Systems	6	Autumn
MTH8318	Operations Research	6	Autumn
ECT8344	Control Theory	6	Spring
ECT8364	Data Communications	6	Spring
ECT8323	Power Engineering 2	6	Spring
Plus THREE elective subjects from the list below:			
ECTE833	Embedded Systems	6	Autumn
ECTE842	Computer Controlled Systems	6	Autumn
ECTE841	Intelligent Control	6	Autumn
ECTE812	Power Electronics and Drives	6	Spring
ECTE826	Power Distribution Systems	6	Spring
ECTE829	Smart Power Grids	6	Spring
ECTE871	Robotics and Flexible Automation	6	Spring
Year 2			
ECTE927	Renewable and Distributed Generation	6	Autumn
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ECTE953	Advanced Project	12	Autumn, Spring
ECTE906	Advanced Signals and Systems	6	Autumn, Spring
1 Professional Elective*		6	
1 Technical Elective 900-level ECTE subject*		6	
1 Technical Elective 900-level ECTE or non-ECTE subject*		6	

Professional and Technical Elective Subjects

Choose 1 [Professional Elective](#), 1 [Technical Elective 900-level ECTE subject](#) and 1 [Technical Elective 900-level ECTE](#) OR 1 [Technical Elective non-ECTE subject](#) from the lists below:

(* For advice on choosing the Professional and Technical Electives, please meet with your [Academic Program Director](#).)

Subject Code	Subject Name	Credit Points	Session(s)
Technical Electives 900-level ECTE subjects:			
ECTE902	Optimum Signal Processing	6	Not offered in this year
ECTE903	Image and Video Processing	6	Spring
ECTE921	Power Quality and Reliability	6	Not offered in this year
ECTE923	Power System Analysis	6	Autumn
ECTE927	Renewable and Distributed Generation	6	Autumn
ECTE944	Identification and Optimal Control	6	Not offered in this year
ECTE962	Telecommunications System Modelling	6	Spring
ECTE967	Mobile Networks	6	Autumn
ECTE987	Optoelectronic Sensing	6	Autumn
ECTE992	The Future Internet: Architectures and Communication Protocols	6	Spring
Technical Electives 900-level non-ECTE subjects:			
CSCI933	Machine Learning Algorithms	6	Autumn

	and Applications		
CSCI935	Computer Vision Algorithms and Systems	6	Spring
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
MECH941	Micro/Nano Robotic Systems	6	Autumn
Professional Electives:			
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

Credit Arrangements

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Master of Engineering (Environmental Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG950	Innovation and Design	6	Autumn
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn
ENGG951	Engineering Project Management	6	Spring
ENVE925	Water Quality Engineering and Management	6	Spring
ENVE926	Air and Noise Pollution Management	6	Spring

Year 2			
ENGG940	Dissertation	12	Annual
ENVE923	Industrial Waste Engineering and Cleaner Production	6	Autumn
ENVE930	Coastal, River and Groundwater Engineering	6	Autumn
ENVE931	Membrane Processes and Applications	6	Autumn
ENVE927	Environmental Engineering Processes Design	6	Spring
ENVE929	Site Contamination and Remediation Technologies	6	Spring
ENGG948	Sustainable Energy Technologies	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 [Course Finder](#).

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2018 Postgraduate Courses

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Master of Engineering (Innovative Manufacturing) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2018
ENGG950	Innovation and Design	6	Autumn
MECH934	Advanced Manufacturing Processes	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring
MECH935	Integrated Manufacturing	6	Spring

	Systems		
Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2018
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
MECH950	Advanced Robotics	6	Spring
MATL938	Casting and Forming	6	Autumn
Complete TWO of the following three subjects (Or alternative 900-level MECH or ENGG subject)			
MECH918	Sustainable Energy in Buildings	6	Spring
ENGG962	Energy Efficiency in Manufacturing and Process Industries	6	Not offered in this year
MECH949	Advanced Computer Control of Machines and Processes	6	Not offered in this year
Plus ONE elective 900-level MECH or ENGG subject (6 credit points)			

Entry Requirements and Credit Arrangements

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2018 Postgraduate Courses

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Master of Engineering (Materials Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG950	Innovation and Design	6	Autumn
MATL903	Recent Developments in Materials	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring
Plus ONE elective 900-level MATL subject (6cp)			
Year 2			

ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2018
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
Plus ONE elective 900-level MATL subject (6cp)			
Plus ONE elective 900-level MATL or ENGG subject (6cp)			

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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2018 Postgraduate Courses

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Master of Engineering (Mechanical Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
MECH928	Finite Element Techniques in Mechanical Engineering	6	Autumn
ENGG950	Innovation and Design	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring
Complete ONE of the following:			
MECH979	Sustainable Transport and	6	Not offered in

	Engine Technology		this year
OR			
1 elective 900-level MECH, MATL*, or ENGG subject (6cp)			
Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
MECH934	Advanced Manufacturing Processes	6	Autumn
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
MECH935	Integrated Manufacturing Systems	6	Spring
2 elective 900-level MECH or MATL* subjects (12cp) and			
1 elective 900-level MECH, MATL* or ENGG subject (6cp)			
* The MATL subjects available to mechanical students does not include MATL905 Metallic Materials and MATL937 Process Metallurgy.			

Subject Code	Subject Name	Credit Points	Session(s)
Electives:			
MECH941	Micro/Nano Robotic Systems	6	Autumn
MECH949	Advanced Computer Control of Machines and Processes	6	Autumn
MECH913	Pneumatic Transport of Bulk Solids	6	Autumn
MECH983	Bulk Solids Handling (Storage and	6	Autumn

	Flow)		
MATL903	Recent Developments in Materials	6	Autumn
MATL913	Structural Analysis of Materials	6	Autumn
MATL952	Corrosion, Wear and Fatigue	6	Autumn
ENGG947	Advanced Building Design for Energy Efficiency and Sustainability	6	Autumn
Electives			
MECH918	Sustainable Energy in Buildings	6	Spring
MECH950	Advanced Robotics	6	Spring
MECH970	Advanced Applied Topics in Mechatronic	6	Spring
MECH919	Advanced Topics in Mechanical Engineering 1	6	Spring
MECH980	Automotive Dynamics	6	Spring
MECH920	Computational Methods for Fluid Dynamics	6	Spring
MATL906	Ceramic Materials	6	Spring
MATL907	Polymeric Materials	6	Spring
MATL932	Surface Engineering of Materials	6	Spring
MATL972	Selection and Design of Materials	6	Spring
ENGG909	The Science of Materials	6	Spring
ENGG948	Sustainable Energy Technologies	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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2018 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 (Mechatronic Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual
ENGG950	Innovation and Design	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring
MECH950	Advanced Robotics	6	Spring
Complete ONE of the following:			
MECH949	Advanced Computer Control of Machines and	6	Autumn

	Processes		
OR			
1 elective 900-level ENGG or MECH subject 6cp Autumn			
Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
ENGG941	Sustainability for Engineers, Scientists and Professionals	6	Autumn
ENGG954	Strategic Management for Engineers and Technologists	6	Autumn
ECTE941	Intelligent Control	6	Autumn
PLUS 2 elective 900-level MECH or ECTE subjects 12cp Spring			
And 1 elective 900-level ECTE, MECH or ENGG subject 6cp 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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Master of Engineering (Mining Engineering) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG942	Professional Practice	12	Annual, Spring 2018/Autumn 2018
ENGG950	Innovation and Design	6	Autumn
MINE911	Studies in Surface Mining	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn
MINE920	Studies in Underground Mining	6	Spring
ENGG951	Engineering Project Management	6	Spring
ENGG952	Engineering Computing	6	Spring

Year 2			
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2018
MINE912	Environmental Control in Mines	6	Autumn
MINE916	Mineral Valuation and Risk Analysis	6	Autumn
MINE961	Advanced Mining Safety	6	Spring
MINE923	Rock Mechanics	6	Autumn
MINE929	Mine Planning and Development	6	Spring
MINE933	Advanced Mineral Resource Estimation Methods	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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However, the 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) | 2018

Course Structure

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
ENGG950	Innovation and Design	6	Autumn
ECTE955	Advanced Laboratory	6	Autumn
ECTE975	Communication and ICT Workplace Practice	6	Autumn
ENGG851	Engineering Research Methods	6	Autumn, Spring
Plus ONE elective subjects from the list below:			
ECT8333	Microcontroller Architecture and Applications	6	Annual
ECT8301	Digital Signal Processing	6	Autumn

ECT8324	Power Engineering 1	6	Autumn
ECT8363	Communication Systems	6	Autumn
ECT8323	Power Engineering 2	6	Spring
ECT8344	Control Theory	6	Spring
ECT8364	Data Communications	6	Spring
Plus THREE elective subjects from the list below:			
ECTE801	Multimedia Signal Processing	6	Autumn
ECTE882	Network Engineering	6	Autumn
ECTE865	Wireless Communication Systems	6	Spring
ECTE896	Optical Communication Systems	6	Spring
Year 2			
ECTE953	Advanced Project	12	Autumn, Spring
ECTE906	Advanced Signals and Systems	6	Autumn, Spring
ECTE967	Mobile Networks	6	Autumn
ECTE992	The Future Internet: Architectures and Communication Protocols	6	Spring
1 Professional Elective*		6	
1 Technical Elective 900-level ECTE subject*		6	
1 Technical Elective 900-level ECTE or non-ECTE subject*		6	

Professional and Technical Elective Subjects

Choose 1 [Professional Elective](#), 1 [Technical Elective 900-level ECTE](#) subject and 1 [Technical Elective 900-level ECTE](#) OR 1 [Technical Elective non-ECTE](#) subject from the list below:

(* For advice on choosing the Professional and Technical Electives, please meet with your [Academic Program Director](#).)

Subject Code	Subject Name	Credit Points	Session(s)
Technical Electives 900-level ECTE subjects:			
ECTE902	Optimum Signal Processing	6	Not offered in this year
ECTE903	Image and Video Processing	6	Spring
ECTE921	Power Quality and Reliability	6	Not offered in this year
ECTE923	Power System Analysis	6	Autumn
ECTE927	Renewable and Distributed Generation	6	Autumn
ECTE944	Identification and Optimal Control	6	Not offered in this year
ECTE962	Telecommunications System Modelling	6	Spring
ECTE967	Mobile Networks	6	Autumn
ECTE987	Optoelectronic Sensing	6	Autumn
ECTE992	The Future Internet: Architectures and Communication Protocols	6	Spring
Technical Electives 900-level non-ECTE subjects:			
CSCI933	Machine Learning Algorithms and Applications	6	Autumn
CSCI935	Computer Vision Algorithms and Systems	6	Spring
ENGG941	Sustainability for Engineers,	6	Autumn

	Scientists and Professionals		
MECH941	Micro/Nano Robotic Systems	6	Autumn
Professional Electives:			
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

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Engineering | 2018

PhD (Integrated) Subject Lists | 2018

- [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)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019

PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.

CIVL904	Sustainable Roads & Railway Engineering	6	Spring
CIVL909	Advanced Foundation Engineering	6	Autumn
CIVL912	Engineering Hydrology	6	Autumn
CIVL916	Research Topics in Civil Engineering	6	Autumn, Spring
CIVL980	Advanced Computer Applications	6	Autumn
CIVL981	Special Topic A	6	Not available in 2018
ENVE929	Site Contamination and Remediation Technologies	6	Spring

One of the following elective subjects may also be selected:

RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

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Computer Engineering & Electrical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring

ECTE953	Advanced Project	12	Autumn, Spring
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 2018
ECTE932	Computer Architecture	6	Spring
ECTE933	Embedded Systems	6	Autumn
ECTE935	Advanced Computer Architecture	6	Not available in 2018
ECTE941	Intelligent Control	6	Autumn
ECTE942	Computer Controlled Systems	6	Autumn
ECTE944	Identification and Optimal Control	6	Not available in 2018
ECTE962	Telecommunications System Modelling	6	Spring
ECTE965	Wireless Communication Systems	6	Spring
ECTE967	Mobile Networks	6	Autumn

ECTE971	Robotics and Flexible Automation	6	Spring
ECTE986	Telecommunications Network Management	6	Not available in 2018
ECTE992	Internet Networking Protocols	6	Spring
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

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Environmental Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
PLUS the relevant discipline subjects as listed below. These subjects may be varied with the approval of the Head of Postgraduate Studies.			
ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
ENVE923	Industrial Waste	6	Autumn

	Engineering and Cleaner Production		
ENVE925	Water Quality Engineering and Management	6	Spring
ENVE926	Air and Noise Pollution Management	6	Spring
ENVE927	Environmental Engineering Processes Design	6	Spring
ENVE928	Design of Urban Water Systems	6	Spring
ENVE929	Site Contamination and Remediation Technologies	6	Spring
ENVE930	Coastal, River and Groundwater Engineering	6	Autumn
ENVE931	Membrane Processes and Applications	6	Autumn
MECH979	Sustainable Transport and Engine Technology	6	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Materials Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring

ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
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	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Mechanical Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			

RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
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	Not available in 2018
MECH918	Sustainable Energy in Buildings	6	Spring
MECH919	Advanced Topics in Mechanical Engineering 1	6	Not available in 2018
MECH928	Finite Element Techniques in Mechanical Engineering	6	Autumn
MECH934	Advanced Manufacturing Processes	6	Autumn
MECH935	Integrated Manufacturing Systems	6	Spring
MECH949	Advanced Computer Control of Machines and	6	Autumn

	Processes		
MECH950	Advanced Robotics	6	Spring
MECH979	Sustainable Transport and Engine Technology	6	Not available in 2018
MECH980	Automotive Dynamics	6	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Mechatronic Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
ECTE912	Power Electronics and Drives	6	Spring
ECTE925	Industrial Drives and Actuators	6	Not available in 2018
ECTE931	Real-Time Computing	6	Not available in 2018
ECTE941	Intelligent Control	6	Autumn

ENGG953	Modelling of Engineering Management Systems	6	Spring
ENGG956	Financial Management for Engineered Assets	6	Spring
MECH935	Integrated Manufacturing Systems	6	Spring
MECH939	Advanced Topics in Mechatronic Engineering	6	Not available in 2018
MECH941	Micro/Nano Robotic Systems	6	Not available in 2018
MECH949	Advanced Computer Control of Machines and Processes	6	Autumn
MECH950	Advanced Robotics	6	Spring
MECH980	Automotive Dynamics	6	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Mining Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ENGG940	Dissertation	12	Annual, Spring 2018/Autumn 2019

PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.

MINE912	Environmental Control in Mines	6	Autumn
MINE916	Mineral Valuation and Risk Analysis	6	Autumn
MINE923	Rock Mechanics	6	Spring
MINE934	Simulations of Mining Operations and Problems	6	Autumn
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Telecommunications Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects:			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
ECTE953	Advanced Project	12	Autumn, Spring
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 2018
ECTE932	Computer Architecture	6	Spring
ECTE933	Embedded Systems	6	Autumn
ECTE935	Advanced Computer Architecture	6	Not available in 2018
ECTE941	Intelligent Control	6	Autumn
ECTE942	Computer Controlled Systems	6	Autumn
ECTE944	Identification and Optimal Control	6	Not available in 2018
ECTE962	Telecommunications System Modelling	6	Spring
ECTE965	Wireless Communication Systems	6	Spring
ECTE967	Mobile Networks	6	Autumn
ECTE971	Robotics and Flexible Automation	6	Spring
ECTE986	Telecommunications Network Management	6	Not available in 2018
ECTE992	Internet Networking Protocols	6	Spring
One of the following elective subjects may also be selected:			

RESH802	Responsible Research	6	Autumn
GWP 800	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](#).

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2018 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](#).

Information & Communication Technology | 2018

PhD (Integrated) Subject Lists | 2018

- [Computer Science & Software Engineering](#)
- [Information Systems & Technology](#)

Computer Science and Software Engineering

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
CSCI991	Project	12	Annual, Spring 2018/Autumn 2019
CSIT940	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.			
CSCI910	Software Requirements, Specifications and Formal Methods	6	Autumn
CSCI920	Contemporary Topics in Computer Science	6	Autumn
CSCI924	Reasoning and Learning	6	Spring
CSCI926	Software Testing and Analysis	6	Autumn
CSCI927	Service-Oriented Software Engineering	6	Spring
CSCI928	Software Engineering Requirements and Specifications	6	Not available in 2018
CSCI935	Computer Vision Algorithms and Systems	6	Spring
CSCI936	Visualisation	6	Not available in 2018
CSCI941	Advanced Topics in Computer Science A	6	Not available in 2018
CSCI942	Advanced Topics in Computer Science B	6	Not available in 2018
CSCI944	Perception and Planning	6	Spring
CSCI946	Big Data Analytics	6	Spring
CSCI964	Computational Intelligence	6	Autumn
CSCI968	Advanced Network Security	6	Autumn
CSCI969	Topics in Applying Information Security	6	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn

GWP 800	Global Workplace Practice	6	Spring
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Information Systems & Technology

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring
CSIT940	Research Methodology	6	Autumn, Spring
Choose ONE of the following two subjects:			
ISIT998	Information Technology Research Report	12	Annual, Spring 2018/Autumn 2019
ISIT999	ICT Research Project	18	Spring 2018/Autumn 2019
PLUS the relevant discipline subjects as listed below. These subjects maybe varied with the approval of the Head of Postgraduate Studies.			
ISIT900	Fundamentals of Contemporary Technologies	6	Not available in 2018
ISIT901	Information Systems and Strategy	6	Autumn
ISIT903	Enterprise Architecture Design	6	Not available in 2018
ISIT904	Enterprise Architecture Design and Systems Integration	6	Spring
ISIT905	Technology Management and Innovation	6	Not available in 2018

ISIT906	Information Design and Content Management	6	Spring
ISIT908	IT Governance and Organisational Issues	6	Autumn
ISIT909	Advanced Business Process Management	6	Not available in 2018
ISIT916	Organisational Issues & Information Technology	6	Not available in 2018
ISIT917	Business Intelligence and Knowledge Management	6	Autumn
ISIT918	Strategic Network Management	6	Not available in 2018
ISIT924	Simulation and Modelling	6	Not available in 2018
ISIT925	Strategic Network Design	6	Spring
ISIT929	Concepts and Issues in Healthcare Computing	6	Spring
ISIT930	Introduction to Health Informatics	6	Autumn
ISIT938	eBusiness Technologies	6	Autumn
ISIT946	Project and Change Management	6	Spring
ISIT950	Systems Development Methodologies	6	Autumn
ISIT951	Web Services and Service Oriented Architecture	6	Not available in 2018
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	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 [Course Finder](#).

Other Information

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2018 Postgraduate Courses

Home

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Mathematics & Applied Statistics PhD (Integrated) Subject List | 2018

Mathematics & Applied Statistics

Subject Code	Subject Name	Credit Points	Session(s)
Core Subjects			
MATH907	Research Methods	6	Autumn
INFO911	Data Mining and Knowledge Discovery	6	Autumn
Choose ONE of the following two subjects:			
MATH991	Project	12	Annual, Spring 2018/Autumn 2019
STAT991	Project	12	Annual, Spring 2018/Autumn 2019

PLUS a schedule of subjects from the list below, approved by the

Head of Postgraduate Studies:			
INFO912	Mathematics for Cryptography	6	Autumn
MATH902	Solution to Differential Equations By One-Parameter Groups	6	Not available in 2018
MATH941	Financial Calculus	6	Autumn
MATH942	Numerical Methods in Finance	6	Spring
MATH943	Practitioners' Seminars	0	Not available in 2018
HAS 940	Statistics in Health Research	6	Not available in 2018
STAT901	Modern Inference	6	Not available in 2018
STAT902	Advanced Data Analysis	6	Autumn
STAT903	Survey Design and Analysis	6	Spring
STAT904	Statistical Consulting	6	Autumn
STAT906	Experimental Design	6	Spring
STAT920	Stochastic Methods in Finance	6	Autumn
One of the following elective subjects may also be selected:			
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Credit Arrangements

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2018 Postgraduate Courses

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Physics & Medical Radiation Physics PhD (Integrated) Subject List | 2018

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)
Physics			
PHYS466	Research Methods	6	Annual
PHYS474	Quantum Mechanics	6	Annual
PHYS476	Solid State Physics	6	Annual
PHYS997	Special Topic in Physics B	6	Not on offer in 2018
PHYS967	Research Project	12	Annual, Spring 2018/Autumn 2019
RESH900	Fundamentals for HDR Writing	6	Autumn, Spring

	Or other PHYS or MATH 900 level subjects	12	Autumn, Spring
Medical Radiation Physics			
PHYS967	Research Project	12	Annual, Spring 2018/Autumn 2019
PHY9325	Electromagnetism	6	Autumn
PHYS961	Radiobiology and Radiation Protection	6	Spring
PHYS962	Medical Imaging	6	Autumn
PHYS963	Nuclear Medicine	6	Spring
PHYS965	Detection of Radiation	6	Autumn
PHYS966	Physics of Radiotherapy	6	Autumn
RESH900	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)
RESH802	Responsible Research	6	Autumn
GWP 800	Global Workplace Practice	6	Spring

Credit Arrangements

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Other Information

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2018 Undergraduate Courses

Home

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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)
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
OR			
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.

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

EESC103	Earth's Dynamic Surface	6	Autumn
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
PHYS215	Vibrations, Waves and Optics	6	Spring
PHYS235	Mechanics &	6	Spring

	Thermodynamics		
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH202	Differential Equations 2	6	Spring
CHEM214	Analytical and Environmental Chemistry	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
CHEM337	Environmental Chemistry	6	Autumn
STAT231	Probability and Random Variables	6	Autumn
PHYS385	Statistical Mechanics	6	Spring
STAT232	Estimation and Hypothesis Testing	6	Spring
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
Plus one of the following			
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Not available in 2018
PHYS403	Physics of Atmospheres and Oceans	6	Not available in 2018

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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2018 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)
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
OR			
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.			
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
OR			
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. CHEM106 is required for students completing CHEM104 and CHEM105 as pre-requisite subjects for most 200-level CHEM subjects.			
Plus an elective or			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2018
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
BIOL213	Principles of Biochemistry	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring

CHEM214	Analytical and Environmental Chemistry	6	Spring
Year3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
CHEM324	Instrumental Analysis	6	Autumn
CHEM325	Bioinformatics: From Genome to Structure	6	Spring
BNAN201	Biology at the Nanoscale	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
PHYS369	Imaging, Structure and Dynamics of Living and Soft Matter	6	Not available in 2018
PHYS385	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](#).

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2018 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)
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS233	Introduction to Environmental	6	Autumn

	Physics		
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
BIOL103	Molecules, Cells and Organisms	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS255	Radiation Physics	6	Spring
PHYS225	Electromagnetism and Optoelectronics	6	Spring
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH202	Differential Equations 2	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS365	Detection of Radiation: Neutrons, Electrons and X Rays	6	Autumn
PHYS375	Nuclear Physics	6	Spring

PHYS376	Nuclear Fuels Cycle	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	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](#).

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2018 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 (Physics)

Course Structure

To complete the Bachelor of Science (Physics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
Elective		6	Autumn
Elective		6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
Elective		6	Spring

Elective		6	Spring
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra and Groups	6	Spring
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH202	Differential Equations: Analysis and Applications	6	Autumn
Elective		6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
Plus TWO of the following subjects:			
PHYS335	Classical Mechanics	6	Offered in odd years
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring
PHYS402	Atmospheric Remote Sensing	6	Spring

	and Inverse Methods		
PHYS403	Physics of Atmospheres and Oceans	6	Spring
Plus an additional 24 credit points of subjects taken from the Science or Engineering Schedules			
Recommended Physics Electives			
PHYS154	Energy, Organisms and Human Society	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
PHYS233	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)
PHYS295	Astronomy - Concepts of the Universe	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring
Plus ONE of the following subjects:			

PHYS335	Classical Mechanics	6	Offered in odd years
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
Plus ONE elective			
Recommended Physics Electives			
PHYS154	Energy, Climate Change and Human Society	6	Autumn
PHYS155	Introduction to Biomedical Physics	6	Spring
PHYS233	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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Bachelor of Science (Photonics)

**** Not available in 2018 ****

Photonics is a rapidly developing area associated with the development of detectors, light sources and optical fibres to support research and development in a wide range of industries including optoelectronics, telecommunications and defence. This major provides students with training which combines skills in experimental and theoretical physics and electronics with a strong background in optics, electronics and computing, necessary to begin a career in the photonics industry. It is structured around the existing core of Physics subjects.

Course Structure

To complete the Bachelor of Science (Photonics) students are required to complete:

Subject Code	Subject Name	Credit Points	Session(s)
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn
PHYS141	Fundamentals of Physics A	6	Autumn

MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS142	Fundamentals of Physics B	6	Spring
CHEM103	Introductory Chemistry For Engineers	6	Autumn
CSIT111	Programming Fundamentals	6	Autumn, Spring
CSIT114	Object Orientated Design and Programming	6	Autumn, Spring
ENGG104	Electrical Systems	6	Spring
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Autumn
PHYS201	Multivariate and Vector Calculus	6	Autumn
PHYS203	Linear Algebra	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Autumn
MATH202	Differential Equations 2	6	Autumn
ECTE203	Signals and Systems	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
ECTE363	Communication Systems	6	Autumn
PHYS356	Physics of Detectors and Imaging	6	Autumn

PHYS363	Advanced Photonics	6	Not offered in 2018
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring
ECTE496	Optical Communication Systems	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

Further information is available via email: eis@uow.edu.au

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Bachelor of Science (Physics and Mathematics)

^ Student to apply via Bachelor of Science (Physics) and upon offer acceptance to seek admission approval from the Faculty of Engineering and Information Sciences Head of Students.

This double 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)
Year 1			
PHYS141	Fundamentals of Physics A	6	Autumn
MATH187	Mathematics 1: Algebra and Differential Calculus	6	Autumn

MATH100	Introduction to Mathematics	6	Autumn
CSIT110	Fundamental Programming with Python	6	Autumn
PHYS142	Fundamentals of Physics B	6	Spring
MATH188	Mathematics 2: Series and Integral Calculus	6	Spring
PHYS295	Astronomy - Concepts of the Universe	6	Spring
STAT101	Introduction to Statistics	6	Spring
Year 2			
PHYS205	Advanced Modern Physics	6	Autumn
PHYS235	Mechanics & Thermodynamics	6	Spring
MATH201	Multivariate and Vector Calculus	6	Autumn
MATH203	Linear Algebra	6	Autumn
PHYS215	Vibrations, Waves & Optics	6	Autumn
PHYS225	Electromagnetism and Optoelectronics	6	Spring
MATH202	Differential Equations 2	6	Spring
MATH204	Complex Variables and Group Theory	6	Spring
Year 3			
PHYS305	Quantum Mechanics	6	Autumn
PHYS325	Electromagnetism	6	Autumn
MATH302	Differential Equations 3	6	Autumn
MATH305	Partial Differential Equations	6	Spring
MATH321	Numerical Analysis	6	Spring

Plus TWO of the following subjects:			
PHYS335	Classical Mechanics	6	Offered in odd years
PHYS356	Physics of Detectors and Imaging	6	Autumn
PHYS390	Relativity, Astrophysics, and Cosmology	6	Autumn
PHYS375	Nuclear Physics	6	Spring
PHYS385	Statistical Mechanics	6	Spring
PHYS396	Electronic Materials	6	Spring
PHYS402	Atmospheric Remote Sensing and Inverse Methods	6	Spring
PHYS403	Physics of Atmospheres and Oceans	6	Spring
Plus ONE third year Mathematics elective 6cp			

Entry Requirements & Credit Arrangements

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Bachelor of Science (Honours) (Dean's Scholar) (Biological Sciences) | 2018

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)
Year 1			
Autumn			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
BIOL105	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 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

Spring			
BIOL103	Molecules, Cells and Organisms	6	Spring
Select ONE of the following subjects:			
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
Total for major at Year 1		30	
MATH151	General Mathematics 1A*	6	Autumn
*Students should consider enrolling in STAT252 in Spring Session of First Year if MATH151 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.			
Year 2			
STAT252	Statistics For the Natural Sciences**	6	Spring
Plus 24 credit points of subjects from the following list:			
Note: When selecting 200-level subjects students should note the pre-requisites required for the 300-level subjects they wish to take.			
BIOL213	Principles of Biochemistry	6	Autumn
BIOL240	Biodiversity of Marine and Freshwater Organisms	6	Autumn
BIOL251	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	
Year 3			
All students majoring in Biological Sciences must take at least four 300-level subjects from the following lists. Recommended subject combinations are as follows:			
Option 1: Choose Four of the following subjects:			
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
Option 2: Choose Four of the following subjects:			
BIOL362	Ecological and Evolutionary Physiology	6	Autumn
BIOL361	Conservation Biology	6	Autumn
BIOL363	Professional Skills in Ecology	6	Spring
BIOL365	Marine and Terrestrial Biology	6	Spring
MARE360	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.

Year 4

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

BIOL401	Biology Honours	48	
BIOL407	Biology Honours (Part-Time)	24	
Total for major at Year 4		48	
Sub-total for major		132	
Plus additional subjects chosen from the Science Schedule		6	
Total for major		138	
Plus elective subjects chosen from the Science or General Schedules		54	
Degree Total		192	

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

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Bachelor of Science (Honours) (Dean's Scholar) (Chemistry) | 2018

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)
Year 1			
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 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			
Please 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
Summer			

Only for students who have completed CHEM104 and CHEM105.			
CHEM106	Foundation Chemistry: Properties and Reactivity of Matter	6	Summer 2018/2019
<p># Note: CHEM106 does NOT count for credit with CHEM105 , but is required for students completing CHEM104 and CHEM105 as pre-requisite subjects for most 200-level CHEM subjects.</p>			
Completion of CHEM106 does NOT count towards the minimum 144 credit points for this course.			
Total for major at Year 1 12			
MATH151	General Mathematics 1A	6	Autumn
<p>* 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</p>			
Year 2			
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
CHEM218	Special Chemistry Studies	6	Autumn, Spring, Summer 2018/2019
Total for major at Year 2 30			
Year 3			
At least FOUR subjects taken from the following list:			
CHEM324	Chemical Analysis and Inference	6	Autumn

CHEM327			
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
CHEM321			
Recommended Elective			
CHEM341	Chemistry Laboratory Project	6	Autumn, Spring, Summer 2018/2019
Total for major at Year 3 24			
Year 4			
Select either the full-time (48cp) or 48cp of the equivalent part-time subject (2 x 24cp) option below.			
CHEM401	Chemistry Honours	48	
CHEM407	Chemistry Honours (Part-Time)	24	
Total for major at Year 4 48			
Sub-total for major 114			
Plus additional subjects chosen from the Science Schedule 30			
Total for major 144			
Plus elective subjects chosen from the Science or General Schedules 48			
Degree Total 192			

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

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Bachelor of Science (Honours) (Dean's Scholar) (Geology) | 2018

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
EESC209	G-cubed: Geochemistry,	6	Spring

	Geochronology, Geophysics		
EESC250	Field Geology	6	Summer 2018/2019
Total for major at Year 224			
Recommended Electives			
EESC203	Biogeography and Environmental Change	6	Autumn
EESC202	Shaping Earth's Surface	6	Spring
Year 3 [^]			
EESC320	Capstone:Earth and Environmental Sciences	6	Autumn, Spring
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn
EESC326	Resources and Environments	6	Spring
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn
Total for major at Year 324			
Recommended Electives			
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn
EESC322	Coastal Environments: Process and Management	6	Spring
EESC328	Dung, Death and Decay: Modern scientific methods in archaeology	6	Autumn
EESC331	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.			

EESC401	Earth and Environmental Sciences Honours Full-time	48	
EESC407	Earth and Environmental Sciences Honours (Part-Time)	24	
Total for major at Year 448			
Total for major120			
Plus elective subjects chosen from the Science or General Schedules72			
Degree Total192			

* 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

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Bachelor of Science (Honours) (Dean's Scholar) (Physical Geography and Environmental Geosciences) | 2018

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)
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
GEOG122	Human Geography: Living in a Material World	6	Spring

Year 2			
EESC203	Biogeography and Environmental Change	6	Autumn
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
EESC202	Shaping Earth's Surface	6	Spring
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
Total for major at Year 2		24	
Recommended Electives:			
EESC201	Earth's Inferno	6	Autumn
GEOG222	Society and Environment: Resources, Challenges, Futures	6	Spring
EESC250	Field Geology	6	Summer 2018/2018
Year 3			
EESC320	Capstone:Earth and Environmental Sciences	6	Annual. Autumn, Spring. First offered in 2018
EESC323	Fluvial Geomorphology and River Management	6	Autumn. First offered in 2018
EESC322	Coastal Environments: Process and Management	6	Spring. First offered in 2018
EESC331	Changing Global Environments	6	Autumn. First offered in 2018
Total for major at Year 3		24	
Recommended Electives			

EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn. First offered in 2018
EESC328	Dung, Death and Decay: modern scientific methods in archaeology	6	Autumn. First offered in 2018
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn. First offered in 2018
GEOG332	Environmental and Heritage Management	8	Spring
EESC326	Resources and Environments	6	Spring. First offered in 2018
Year 4			
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	
EESC407	Earth and Environmental Sciences Honours (Part-Time)	24	
Total for major at Year 4		48	
Total for major		120	
Plus elective subjects chosen from the Science or General Schedules		72	
Degree Total		192	

* 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

Last reviewed: 18 October, 2018

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2018 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](#).

Environmental Science Major (Double Degree Students) | 2018

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)
Year 1			
BIOL104	Evolution, Biodiversity and Environment	6	Autumn
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	6	Autumn
Or			
CHEM104	Foundation Chemistry: Properties of Matter	6	Autumn
EESC105	Introductory Geospatial	6	Autumn,

	Analysis		Spring
BIOL103	Molecules, Cells and Organisms	6	Spring
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6	Spring
Or			
CHEM105	Foundation Chemistry: Reactions and Structures	6	Spring
EESC102	Earth's Interconnected Spheres	6	Spring
Total for Year 1		36	
Year 2			
BIOL251	Principles of Ecology	6	Autumn
EESC203	Biogeography and Environmental Change	6	Autumn
CHEM214	Analytical and Environmental Chemistry	6	Spring
Plus one of the following:			
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
Total for Year 2		24	
Year 3			
EESC323	Fluvial Geomorphology and Sedimentology	6	Autumn. First offered in 2018

EESC322	Coastal Environments: Process and Management	6	Spring. First offered in 2018
Plus 18cp of subjects from the following list*:			
CHEM337	Environmental Chemistry	6	Autumn. First offered in 2018
EESC331	Changing Global Environments	6	Spring. First offered in 2018
BIOL365	Marine and Terrestrial Ecology	6	Spring. First offered in 2018
STS 302	Climate Change Policy, Possible Futures	6	Autumn. First offered in 2018
EESC207	Advanced Geospatial Analysis	6	Autumn, Spring
BIOL361	Marine and Terrestrial Populations	6	Autumn. First offered in 2018
EESC332	Sedimentology, Stratigraphy and Palaeoenvironments	6	Autumn. First offered in 2018
CHEM324	Instrumental Analysis	6	Autumn. First offered in 2018
EESC321	Plate Tectonics, Macrotopography and Earth History	6	Autumn. First offered in 2018
EESC209	G-cubed: Geochemistry, Geochronology, Geophysics	6	Spring
EESC326	Resources and Environments	6	Spring. First offered in

			2018
BIOL252	Evolution and Behaviour	6	Spring
CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6	Spring. First offered in 2018
GEOG337	Environmental and Heritage Management	6	Spring
*A maximum of one 200 level subject can be taken from this list. Or other subjects approved by the Coordinator.			
Total for Year 3		30	
Total for Major		90	

Credit Arrangements

Refer to UOW's credit arrangements for information on how to apply for credit.

Other Information

Further information is available at:

Email: smah-students@uow.edu.au

Last reviewed: 15 March, 2017

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