

International Course Guide 2016/2017



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Welcome



I believe the University of Tasmania is no longer the best kept secret in Australian education. Highly ranked internationally and highly rated nationally, we are increasingly recognised for the quality and breadth of programs, supportive study environment and the unique and friendly campus life we offer — in one of the most beautiful natural environments in the world.

If you've met a graduate from our University, they might typify some of the secrets of our success. Competent and confident, inquisitive and creative — they are the product of a distinctive, memorable and rewarding student experience, one built on possibility, aspiration and the encouragement of individuals.

Our University is in partnership with our staff and students. Together we're building on the significant achievements of our past while setting a course for the years to come and adapting to current challenges and opportunities.

The University's motto is Ingeniis Patuit Campus or 'the field is open to talent'. It was adopted more than 75 years ago but still captures our spirit. It's an open invitation to motivated individuals at home, around Australia and the world, to seize every opportunity to join us.

Whatever your circumstance or expectations, I hope this glimpse of the University of Tasmania's encourages you to look deeper, explore your options and achieve your goals with us.

Professor Peter Rathjen
Vice-Chancellor





Tasmania

a state of inspiration



Welcome to a place of rich history, vibrant culture and incredible achievements.

The state of Tasmania, just south of the Australian mainland, is arguably the most stunning state in Australia with pristine beaches, beautiful mountains and modern cities based around historic European architecture. It is roughly the size of Ireland or Sri Lanka and enjoys a temperate climate similar to France, with four seasons.

When you come to study or work in Tasmania you'll find it's a great place to live due to its affordability, ease of getting around and safe, helpful communities. You'll meet friendly people, see breathtaking landscapes, and enjoy our year-round festival calendar, wonderful food, and coffee culture.

Hobart, the capital, is a vibrant and cultural port city, with grand architectural reminders of its colonial and maritime history. Set in a spectacular natural setting, between the sea and Mount Wellington, it was founded in 1804. Today it's a hub for education, science, trade and tourism, including the scientific research and cruise ships journeying to Antarctica.



Tasmania's university



The University of Tasmania (UTAS), founded in 1890, is the fourth oldest university in Australia.

The University is in the top 2% internationally,* and in the top international universities in the world.†

UTAS has a proud history but also an ongoing thirst for achievement, characterised by the pursuit of partnership and collaboration.

As Tasmania's only university, UTAS is formally partnered with government to develop the state economically, socially and culturally, offering a depth and breadth of study and research opportunities.

The state government also encourages international students to visit, study and settle in Tasmania.

Our most important partnership, however, is the one between our staff and students. For our 36,000 students, including more than 4,300 international students, this means helping them to graduate with a world-class qualification, global outlook and superior career prospects.

The University connects people, geographies, cultures and ideas. We have more than 450 industry partners and collaborative agreements with institutions in more than 90 countries.

Whether it's our location close to the Antarctic, or our experience in clean aquaculture or sustainable forestry, UTAS provides an authoritative and internationally-respected voice in many sectors and industries.

The University has two campuses where international students can study. The main Hobart campus is in picturesque Sandy Bay, with satellite campuses scattered throughout the Hobart CBD, including the world-class Medical Science Precinct and the Institute for Marine and Antarctic Science. The University Farm and the University's observatories are located just outside Hobart. The second international teaching campus is located in the northern Tasmanian city of Launceston on the beautiful Tamar River.

On-campus amenities including restaurants and retail outlets, halls of residence, and sports facilities are complemented by local shops, transport, accommodation and entertainment.

* QS University World Rankings, 2015.

† Ranked in the top 120 most international universities in the world by Times Higher Education University Rankings 2015.







Research with impact



The University of Tasmania is fully engaged in delivering innovative solutions to real-world challenges, such as climate change, food security and maintaining biodiversity.

The scope and quality of our research provides an innovative environment for interdisciplinary collaboration by outstanding individuals and research teams. Our researchers and postgraduate students are selected, trained, supported and recognised as leaders in the global research community.

Our institution is recognised as a world leader in research, ranked at or above world standard in research excellence.*

A key to our students' and graduates' success is the interface between research capability and the needs of industry. The University of Tasmania has 450 industry partners who will contribute \$470 million in resources to our research over a 10-year period. Our aspirations are global in scale, typified by our world-leading involvement in Antarctic and Southern Ocean science.

* Ranked 'at or above world standard' in 94% of units, 2015 Excellence in Research for Australia (ERA).

Outcome-focused education



A university education has never been more important.

Employers demand relevant qualifications and want work-ready graduates who can demonstrate the knowledge, maturity and ideas to contribute to success. At the University of Tasmania, that means creating a uniquely stimulating environment for personal development as well as a rounded education.

With over 100 undergraduate degrees, the University of Tasmania is well-known for its distinctive science-based programs, strong research capabilities and a breadth of programs. The University of Tasmania also excels in traditional areas like business, law, humanities and medicine, and specialist disciplines such as agriculture, maritime engineering and Antarctic science.

We also have outstanding links with universities, research institutes and industry across the globe. Our business and industry links throughout Tasmania and the world also create unique and exciting career and engagement opportunities.

The student experience at UTAS includes everything from the latest teaching and learning technologies, to specialist facilities that range from laboratories to simulation centres and training vessels.

A number of our degrees include compulsory practical placements, while others offer opportunities for corporate internships.

The University community is close-knit and friendly. Smaller class sizes mean ready access to quality lecturers and tutors for advice and support.* Staff have career experience and ongoing connections with national and international industry, so offer invaluable personal insights about how to apply your learning to practice.

* 4 stars for both staff-student ratios, and teaching quality, Good Universities Guide, 2016.





Our welcoming community



By joining the University of Tasmania students become part of a fun, welcoming and supportive community.

Immersed in the local community, your academic experience will be enhanced by the many social and cultural events taking place around the state.

Be inspired by art exhibitions and theatre from the College of the Arts, rock bands and classical performances at the Conservatorium of Music, lectures and forums from visiting lecturers and guests, and a host of other free activities.

If you're a new student, particularly from abroad, the Community Friends and Networks Programme helps you meet other students and locals while participating in social activities and trips around Tasmania.

Our active social media community also makes it easy to find information about the latest events, services and opportunities.

Student support includes programs, facilities and professional services to help you achieve your academic goals, find employment and deal with personal issues. We also have faculty-based student advisers to provide you with one-on-one help to solve problems or identify where to get the right assistance.

With a diversity of faiths on campus the University also provides visiting religious advisers as well as prayer rooms and a multi-faith meeting place for religious activities.

The Tasmania University Union (TUU) is the students' union and provides essential services such as independent student advocates, cafes and commercial outlets on campus, as well as running a wide variety of student sports clubs and societies and activities.



Building the right foundations



The University of Tasmania offers access and opportunity for lifelong learning and career development.

But we know not everyone starts the journey towards a new future from the same place. That's why the University provides the Foundation Studies Program.

If you would like to embark on an undergraduate degree but don't yet have the academic skills to do so, the Foundation Studies Program can help open the door to a whole new world.

Based in Hobart, the program starts in February of each year and emphasises relevant skills for work as well as theoretical learning which can be used to progress to any undergraduate degree. Choose from either the Business & Arts or Science, Health & Engineering streams and once you gain the requisite marks and if a place is available for you, you'll be ready to embark on your new degree.

Learning the language locally



Academic study is not just about learning from books.

At the University of Tasmania we understand that your academic and career outcomes will be enhanced when you have an intimate understanding of the English language and the culture in which it is used. Our English Language Centre (ELC) delivers English courses designed specifically to meet your needs as an international student by providing Direct Entry programs into degree courses and helps you with International English Language Testing System (IELTS) preparation. We are also an official IELTS test centre saving you unnecessary time and expense going elsewhere.

Based at our Hobart and Launceston campuses, you will have access to all our university facilities and support services including our clubs and accommodation options. You'll immediately feel part of the university community and can start practising your language skills with local students, staff and your neighbours in the Tasmanian community.



Study abroad & exchange



Whether you want to study for a semester with us here in Tasmania or you are enrolling full-time at the University of Tasmania and want to study some subjects overseas, we have something to help you expand your academic and personal horizons.

To Tasmania

Inbound study abroad and exchange students study for one or two semesters at UTAS choosing from a range of subjects* across the University.

If your current university has a formal exchange agreement with the University of Tasmania you can study with us as an inbound exchange student.

If your university doesn't have a formal exchange agreement you can still study with us for one or two semesters as a study abroad student.

From Tasmania

Current UTAS international students can get a truly global education by taking advantage of our outbound Student Exchange Program. Study for a semester or two at one of our 130 partner institutions across 30 countries around the world to really expand your academic experience and career opportunities.

Our current international students can apply for scholarship funding to assist with your Study Exchange Program expenses including airfares and accommodation.

For more information about all your options contact our Student Mobility Officer: student.mobility@utas.edu.au.

* Not all subjects are available to international students. Contact student.mobility@utas.edu.au to confirm whether your subject/s is available.



Scholarships program



The University of Tasmania's motto is 'Open to Talent'. We believe talent should be encouraged, potential fostered. That's why our scholarships program provides significant financial and academic support to study at both undergraduate and postgraduate levels.

Each year, the University offers more than 900 awards, across all academic areas. The awards are based on merit and equity, reward excellence and improve access for new or continuing students.

Tasmanian International Scholarship (TIS)

Available only to international full fee-paying students, this scheme provides a 25% reduction on published tuition fees for the duration of the course providing you maintain satisfactory grades during your studies. No separate TIS scholarship application form is required as your eligibility for this scholarship will be assessed automatically when your application to study at the University is processed. This scholarship is available for most courses — please visit utas.edu.au/students/international-scholarships to view the list of eligible courses.

International Sibling Discount

If you are an international applicant whose sibling is or has studied at the University of Tasmania, you may be eligible for a 10% fee reduction for the duration of your course.

You must fill out the Sibling Discount Form, available at utas.edu.au/students/international-scholarships, to be considered for this discount.

Please note that if you are offered a TIS or FSP discount the sibling discount will not apply.

FSP to Degree Discount

If you have completed the University's Foundation Studies Program (FSP) the FSP to Degree Discount provides you with a 10% discount on the registered tuition fees for your undergraduate degree.

This discount is available for all undergraduate degrees including an Honours program if applicable and applies from the start of your undergraduate degree. If you have already been offered a TIS or Sibling Discount you are not eligible for the FSP to Degree Discount.

International Postgraduate Discount

If you are an international student who has completed an undergraduate degree at the University of Tasmania and are commencing a postgraduate coursework degree you will receive a 10% fee reduction for the duration of your course. This is available for all postgraduate coursework courses.

Advanced Standing Partner Institute Discount

In recognition of the high academic standard of our formal partner institutes, students and graduates of specific partner institutes who are granted credit into a University of Tasmania bachelor degree will receive a 10% discount on tuition fees for their undergraduate studies.*

Students will first be assessed for a Tasmanian International Scholarship (TIS). Those students not awarded a TIS will receive the Partner Institute Discount. The maximum fee waiver available to students is 25%.

For information about other scholarships please refer to utas.edu.au/students/international-scholarships or email International.Scholarships@utas.edu.au.

* For the latest information on partner institutes covered by this discount, please see utas.edu.au/international/scholarships or contact international.study@utas.edu.au.

Your study options



The University of Tasmania offers a wide choice of generalist and specialist degrees at undergraduate and postgraduate levels. It also offers sub-degree pathway programs and English language programs.

Not all courses are offered at every campus — see tables on **pages 147–152** or visit utas.edu.au/courses for more information.

English Language Programs

Whether you want to improve your English to qualify for further study, or to enhance job opportunities, or just out of interest, we have a program to suit you.

UTASAccess-Direct Entry is designed for international students intending to enter an undergraduate or postgraduate degree at the University of Tasmania who do not yet meet the University English language entry requirements.

The UTASAccess-Maritime English Direct Entry course is designed for students on pathways to courses at the University's Australian Maritime College (AMC).

Foundation Studies

If you would like to embark on an undergraduate degree but don't yet have the academic skills to do so, the Foundation Studies Program provides you with the academic skills to move on to an undergraduate degree.

Undergraduate

An undergraduate degree is typically a three year, full-time course. In addition to face-to-face classes, we also offer distance study options for some courses to international students based outside Australia. For many courses there is a range of units available over the summer, spring and winter breaks.

Double or Combined Degrees

Double undergraduate degrees merge the core requirements of two different degrees. This lets you graduate with the equivalent of two undergraduate degrees faster than it would take to do two separate degrees.

Double degrees can give you greater depth of knowledge in more than one field. This gives you more career options.

If you're academically capable and want to challenge yourself, a double degree is an ideal way to get the most from your time at university.

Honours

Honours can help you gain deeper knowledge in your specialist undergraduate area. The additional Honours year can mean you start your career higher up the ladder and progress in your career faster.

It can also lead to postgraduate study and a career in research or academia.

Postgraduate

Postgraduate degrees vary in duration and offer a variety of exit options including graduate certificates, graduate diplomas, and masters.

Depending on the course you choose, masters may be by course work, research, or a combination of the two.

Post-doctorates are by research only.

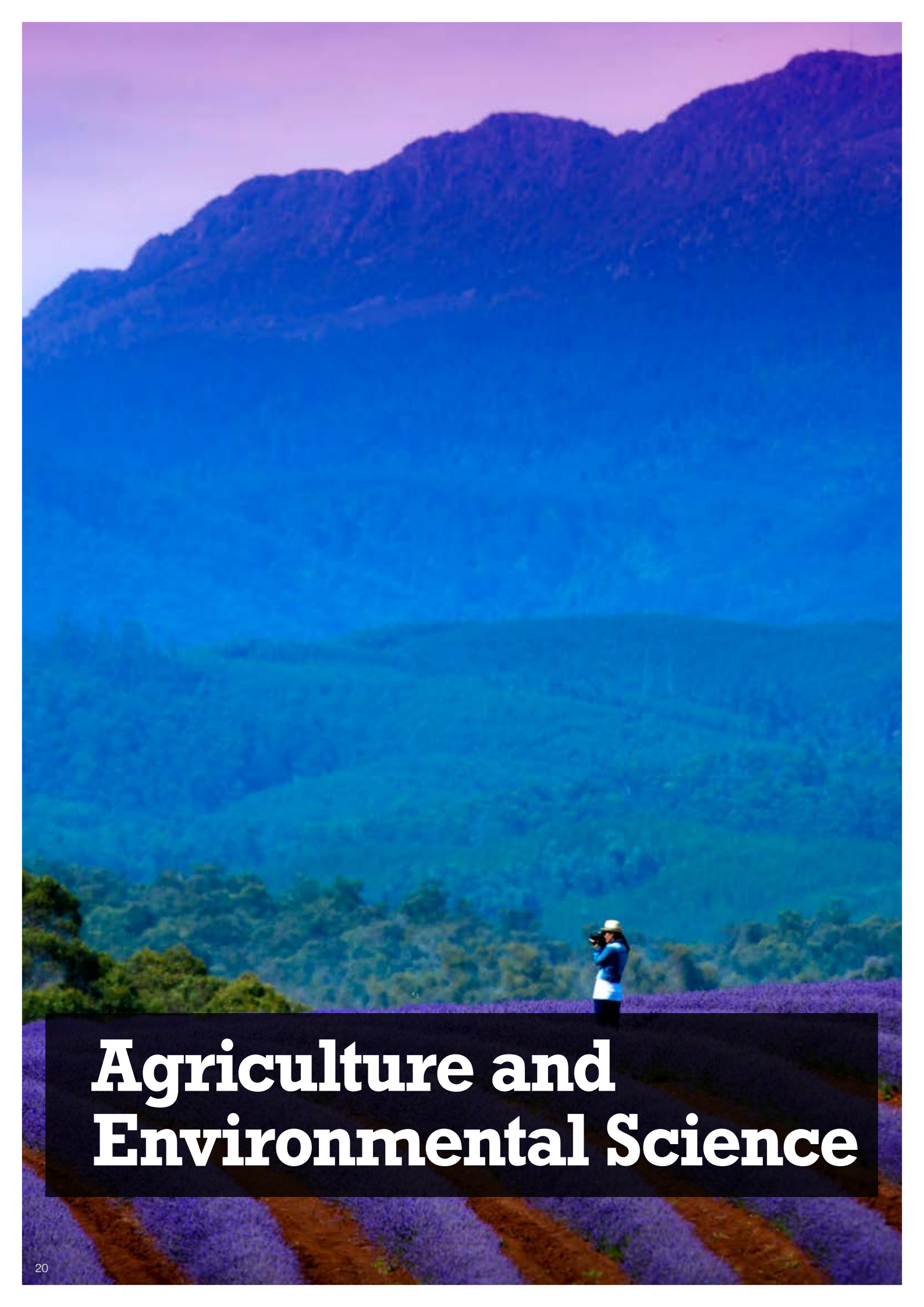
Higher Degree by Research

Postgraduate degrees by research are known as Higher Degrees by Research (HDR).

Prospective candidates considering a higher degree by research should have previous undergraduate or postgraduate qualifications including a substantial research component or project.

Should you be interested in studying an HDR, you can explore your options at utas.edu.au/GR or contact graduate.research@utas.edu.au.

▼ Choose specialist studies to focus your career.



Agriculture and Environmental Science

Agriculture and Environmental Science

The University of Tasmania has always been an innovator in agriculture and at the centre of environmental debates.

The future depends on the development and implementation of sustainable agricultural practices in tune with environmental factors and impacts.

Agricultural and environmental scientists are at the forefront of tackling some of the world's most complex challenges and will be integral to creating new industries, opportunities and breakthroughs.

The need for specialist knowledge and skills in supporting agriculture and the environment has never been greater.

To address this, the University has a core focus on agricultural, geographic and environmental issues and education.

Drawing on Tasmania's unique environment, with easy access to World Heritage and wilderness areas, marine environments and geological diversity, the University of Tasmania offers a range of focused and distinctive courses.

With opportunities spanning aspects of science, business, tourism, planning, and management, careers are many and varied in the government and private sectors on a state, national and international level.

Our researchers are committed to undertaking quality research and in developing collaborative links with scientific and business communities, including cooperative research centres in fields such as separation science, geological research, food safety, ocean monitoring, climate and ecosystems. This high-quality new thinking feeds into our teaching and will energise your student experience.

Studying Agriculture and Environmental Science

Who Studies Agriculture and Environmental Science?

People with an interest in the natural, physical and biological sciences, who enjoy variety in a working day, and see shared global challenges as opportunities. You might also be someone who enjoys working outside in all weathers and environments.

Our courses encourage enquiry, investigation and research, with many opportunities to go beyond the classroom and work closely with academic mentors and gain practical experience. Increasingly, agriculture and the environment are areas that are highly exposed to the latest thinking, scientific methods and technology, and also attract those with an entrepreneurial spirit.

Your studies, assessment tasks and learning experiences will also help to develop additional workplace skills, such as evidence-based problem-solving, critical thinking and decision-making, effective communication and time management. These 'soft skills' are all appreciated by employers.

Professional placements, excursions and in-field practicums

In many agriculture and environment courses, students are encouraged to complete practical industry work experience, practicums or fieldwork.

Field-based units may require students (and staff) to stay on site in remote areas, including excursions to farms and businesses, even wilderness areas, or undertaking a collaborative community project.

Some units and practicum requirements will be outside normal university semesters, sometimes during annual vacations.

Many students who undertake the professional experience placement go onto further employment with their placement provider.

Please visit utas.edu.au/courses or consult the relevant faculty for more information.

Additional learning resources

Most agriculture and environment courses at our University are a combination of classroom, laboratory and in-the-field learning.

The University operates a 340 hectare farm devoted primarily to dairying as well as vegetable and grain production. It provides essential teaching and research links, especially within the discipline of agricultural science.

Our research organisation, the Tasmanian Institute of Agriculture, is a centre of excellence in agricultural research, development, extension and education. It provides outstanding opportunities for research training as well as giving students access to world-class researchers in a wide range of practical and pure research areas.

Our Central Science Laboratory provides academic advice, support, collaboration and teaching in atomic and molecular analysis and several different forms of microscopy.

It hosts research level analytical instruments and also provides high level electronic and mechanical engineering workshop support.

▼ This is an area highly exposed to the latest thinking, scientific methods and technology.

Course information

Agriculture

Agricultural Science equips graduates with the skills to solve agricultural problems and improve practices through the use of scientific research, knowledge and skills.

At an undergraduate level, the University offers bachelor degrees in Applied Science (Agriculture and Business) and Agricultural Science. These two distinct degrees cover different aspects of the agricultural industry.

The Bachelor of Agricultural Science (**page 25**) is a multidisciplinary science degree which prepares you for all aspects of a career in modern agriculture — whether you want to model climate effects on crops, be an agronomist, develop new crops, or work in biosecurity.

The Applied Science (Agriculture and Business) undergraduate degree (**page 25**) places more emphasis on the business, process and entrepreneurial side of agriculture enterprise.

If you are interested in pursuing agricultural studies at the postgraduate level, you might consider the Master of Applied Science (Agricultural Science). Please see **page 27** for more information.

Environmental Health

The Bachelor of Health Science (Environmental Health) focuses on how our environment influences health and disease. You'll study the physical and biological sciences as well as their practical application in areas including environmental protection, food safety, occupational health and safety, water and air quality, and water and waste management.

Graduates acquire the technical expertise and practical ability to work as Environmental Health Officers.

Graduates will be eligible for membership and accredited by the Environmental Health Australia.

Please visit utas.edu.au/courses for more information.

Environmental Management

Our interdisciplinary undergraduate and postgraduate degrees bridge the gap between environmental science and management. We produce graduates who are able to work in a variety of niche areas in this exciting field, from land and water management, tourism planning, environmental policy development, GIS and mapping, through to surveying.

The Bachelor of Applied Science (Environmental Science) provides you with the knowledge and skills necessary for the assessment, management and remediation of both the natural environment, and urban and impacted environment. See **page 26** for more information.

If you wish to expand your environmental management and research skills at a postgraduate level a number of options are open to you.

For those wanting senior level careers within environmental management, environmental policy formation, and environmental education the Master of Environmental Management on **page 28** may be your ideal option.

Another option, combining environmental management and technological sciences, is the Master of Applied Science (Environmental Management and Spatial Science) on **page 27**.

A new masters course on Protected Area Governance and Management covers governance, planning and management practice in government, private and community-based terrestrial, freshwater and marine protected areas. Details are provided on **page 28**.

Food Safety

Ensuring the foods we eat are safe is a priority for any society. It is also an increasing priority for businesses and governments as countries seek new export opportunities.

A Master of Applied Science (Food Safety) will provide you with a solid grounding in sciences relating to microbial food-borne illness as well as regulations and policy in this highly dynamic area.

For more information see the Master of Applied Science (Food Safety), **page 28**.

Natural Environment and Wilderness Studies

If you would like the great outdoors as your office, the Bachelor of Natural Environment and Wilderness Studies is the degree for you. You'll study a major in Geography and Environmental Studies and select another science or policy area as your second major, providing you with a deep understanding in two disciplines.

Areas of study include geology, government and the environment, marine environments, plant science and zoology. As a wide, interdisciplinary degree, it gets you thinking about environmental issues and developing communication, data collection, analytical, presentation and other skills.

This degree equips you for employment in a diverse range of fields including nature-based tourism, natural area management and natural area interpretation or for more general employability in the same way as a science or arts degree.

Please visit utas.edu.au/courses for more information.

Surveying and Spatial Sciences

Are you into the latest technologies? Like to sniff out where things are located? Surveyors and spatial scientists use technologies to collect, analyse and model data about spatial information. The skills you learn through both our Bachelor of Surveying and Spatial Sciences and Master of Applied Science (Environmental Management and Spatial Science) degrees can be applied to any aspect of industry, science and society that need high quality information to make reliable decisions, be it for mining, government, development, environment or business.

Our bachelor degree prepares you for professional careers in areas such as Geographic Information Systems GIS, land surveying, remote sensing, geodetic surveying, and hydrographic surveying. If you would like to work as a Land Surveyor, you must complete the one-year Graduate Diploma of Land Surveying following graduation.

On graduating from the bachelor degree you will be able to apply for membership of the Surveying and Spatial Sciences Institute (Australia) and the Tasmanian Land Surveyors Accreditation Board.

The Master of Applied Science (Environmental Management and Spatial Sciences) fills the niche between environmental management and spatial sciences, providing you with advanced spatial data and technologies skills to provide innovative solutions to complex challenges in environmental management.

Please visit utas.edu.au/courses for information on the Bachelor of Surveying and Spatial Sciences.

For more information on the Master of Applied Science (Environmental Management and Spatial Sciences) see **page 27**.

Undergraduate Courses

▼ Bachelor of Agricultural Science

Duration	Four years
Entry	February and July
Location	Hobart
Course code	73M
CRICOS Code	001679M
Indicative ATAR	65

A Bachelor of Agricultural Science opens doors to a practical, interesting and sometimes delicious world of careers as diverse as viticulturist, biosecurity manager, boutique brewery owner, rural journalist, food biologist or agronomist.

The degree gives you a sound basis in the physical and biological sciences. In the latter part of your degree you'll have the opportunity for specialisation and advanced study. The outlook for agriculture in Australia is bright with Australia well positioned to play an important role in world food security.

Areas of study

- Animal physiology and nutrition
- Crop production and plant nutrition
- Farm business management
- Food safety management
- Horticultural science and agronomy
- Microbiology and plant pathology
- Physiology and cell biology
- Soil science and entomology

Career opportunities

- Agricultural research
- Agronomy
- Environmental sustainability
- Food safety and innovation
- Horticulture
- Viticulture

Professional recognition

Graduates are eligible for membership of the Australian Institute of Agricultural Science and Technology (AIAST).

Entry requirements

Standard university entry requirements including chemistry and mathematics at Australian Year 12 level or equivalent.

▼ Bachelor of Applied Science (Agriculture and Business)

Duration	Three years
Entry	February and July
Location	Hobart
Course code	K3T
CRICOS Code	089192G
Indicative ATAR	65

This course has been designed to meet the demand by employers for graduates qualified and skilled in the application of scientific technology in the agricultural and horticultural industries.

You will study core majors in Agriculture and Agribusiness and a minor in Enabling Science.

This is a specialised degree looking directly at production of agricultural goods and the associated financial and economic aspects of agribusiness.

Graduates will come out with strong business acumen, the skillset to run their own business, manage corporations and provide business development advice to industry.

The combination of these two areas is a contemporary approach that will provide a degree perfectly suited to inspiring entrepreneurs.

Areas of study

- Agribusiness
- Agricultural production and technology
- Animal science and principles of breeding
- Crop production
- Crop protection and microbiology
- Soil science

Career opportunities

- Agribusiness
- Agricultural development and food production
- Government agencies and private sector
- Service consultancy and business management

Entry requirements

Standard university entry requirements.

▼ Bachelor of Applied Science (Environmental Science)

Duration	Three years
Entry	February and July
Location	Launceston
Course code	73U
CRICOS Code	081316J
Indicative ATAR	65

This degree combines the disciplines of biology, chemistry, ecology and geography complemented with studies in environmental policy and management. The program has a strong focus on aquatic science, chemical monitoring and environmental management.

Areas of study

- Aquatic science
- Botany (wilderness and forest management)
- Chemical monitoring
- Earth sciences (geomorphology and catchment management)
- Ecology
- Environmental management
- Geography and environmental studies
- Statistics

Career opportunities

- Environment and natural resource management
- Environmental impact assessments
- Policy analysis and implementation
- Pollution monitoring
- Water and waste water management

Entry requirements

Standard university entry requirements including chemistry and mathematics at Australian Year 12 level or equivalent.

Other Related Undergraduate Degrees

If you are interested in the Agriculture and Environmental Science field, you may also be interested in looking at the following degrees in our Marine and Antarctic chapter:

- Bachelor of Applied Science (Marine Environment)
- Bachelor of Marine and Antarctic Science

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

Postgraduate Courses

▼ Master of Applied Science (Agricultural Science)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7J1
CRICOS Code	033207A

This broad ranging masters by course work degree will give you an advanced knowledge of agricultural science. You will develop a capacity for independent research and problem-solving that can lead to workplace research and/or a degree by higher research (Masters or PhD).

During the course you will choose units from a range of areas such as:

- Animal production systems
- Crop science
- Horticultural science
- Plant pathology
- Insect ecology and behaviour
- Microbiology
- Soil science
- Agricultural landscape systems
- Agricultural technology and innovation
- Agribusiness management
- Agronomy
- Value chain innovation
- Advanced food safety management
- Experimental design and analysis for agri-food research

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on the level of qualifications on entry, and discipline preparedness of the candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

Applicants must have sound evidence in the application of laboratory skills to a standard set by the University of Tasmania.

3 Semester Prerequisites

Bachelor degree in a science field with a major in Agricultural Science.

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in Agricultural Science.

▼ Master of Applied Science (Environmental Management and Spatial Sciences)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7J4
CRICOS Code	081319F

This is a unique masters degree that fills the niche between environmental management and spatial sciences building knowledge and skills that are in high demand by industry and government. You will gain advanced knowledge and skills in Environmental Management, Geographical Information Systems (GIS), Remote Sensing, and Geography. In addition, you will develop a capacity for independent research and problem-solving that can lead to workplace research and/or a higher degree by research (Masters or PhD).

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on the level of qualifications on entry, and discipline preparedness of the candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

3 Semester Prerequisites

Bachelor degree in a science field with a major in Environmental Management and Spatial Sciences.

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in Environmental Management and Spatial Sciences.

▼ Master of Applied Science (Food Safety)

Duration	Two years
Entry	February
Location	Hobart
Course code	K7J5
CRICOS Code	078078M

Through this degree you will gain a thorough foundation in the sciences of food safety including microbiology, toxicology, chemistry, immunology and epidemiology as well as food safety management and regulations. You will also undertake a research thesis providing you with an excellent grounding for future postgraduate studies should you choose this career path.

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on the level of qualifications on entry, and discipline preparedness of the candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

3 Semester Prerequisites

Bachelor degree in a science field with a major in microbiology, food, or a health-related science, or equivalent.

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in microbiology, food, or a health-related science, or equivalent.

▼ Master of Environmental Management

Duration	One and a half years
Entry	February and July
Location	Hobart, Distance
Course code	S7D
CRICOS Code	003362E

This course is designed for those interested in having senior level careers in environmental management environmental policy formation or environmental education.

The course offers a broad, interdisciplinary approach to environmental management, and will provide you with an opportunity to undertake a research project.

Careers in land and resource management, biodiversity conservation, sustainable development and environmental policy are likely outcomes on graduating from this degree.

Entry requirements

A bachelor's degree in any discipline, preferably at credit level or better or recognised equivalent tertiary qualifications.

▼ Master of Protected Area Governance and Management

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7E
CRICOS Code	085334G

Do you want to take a leading role contributing to the protection of areas of environmental or cultural significance? Interested in resource management, the tourism industry or maybe planning? This masters degree will equip you with essentials in policy, governance, management, business and resource management practices to work in middle or senior governance and management roles overseeing protected areas.

The course covers all forms of protected areas, including cultural, terrestrial, marine and freshwater, providing you with a range of career opportunities around the world.

A unique feature of the program is the combination of individually supervised, in-depth research, a work experience internship, and classroom-based learning.

Partners

The course has been developed in close consultation with key industry players who are all on the course steering committee including IUCN World Commission on Protected Areas, Parks Australia, Tasmania Parks & Wildlife Service, Tasmanian Land Conservancy, Parks Victoria, James Cook University, Murdoch University and Charles Darwin University.

Professional recognition

Professional recognition will be sought from the IUCN World Commission on Protected Areas once their proposed accreditation system has been established.

Entry requirements

A bachelors degree in any discipline.

IELTS of at least 6.5 with no band less than 6.0.

Other Related Postgraduate Degrees

If you are interested in the agricultural science or environmental science fields, you may also be interested in looking at the following chapters:

Marine and Antarctic chapter

- Master of Applied Science (Marine Environment)
- Master of Marine and Antarctic Science

Science chapter

- Master of Applied Science (Microbiology)

For a full course list please see tables on **pages 147–152** or visit **utas.edu.au/courses**.

A modern interior space featuring a long, light-colored wooden bar or counter. Above the bar, three large, spherical pendant lights with a woven, basket-like structure are suspended. The background wall is made of large, textured, grey stone tiles. On the bar, three small, dark, rounded ceramic vessels are placed. In the foreground, the backs of several wooden bar stools are visible. The overall aesthetic is minimalist and contemporary.

Architecture and Design

Architecture and Design

Environmental Design explores relationships between the built environment, site and physical spaces.

Architecture and Design look at social responsibility and environmental sustainability in the design of the built environment. You'll discover the rewards and challenges of self-directed and project-based learning.

You'll learn in a beautiful place and design wonderful spaces and things. Our degrees integrates three design specialisations: Architecture, Furniture Design and Interior Design.

Whether you see yourself working on designing sustainable buildings, creating interiors that influence the way people live, designing artisan, special purpose or mass production furniture, or enriching people's lives through the built environment, the design skills you learn here will be as much about solving problems as they are about creating something new or beautiful or both.

Our researchers are committed to undertaking interdisciplinary design research for real world change and in developing collaborative links with government and business.

Our research ranges from complex computer and scientific modelling related to building design and performance, through scholarly publications in history and theory, to the commercially related advancement of environmentally and socially sustainable built environment. This high-quality new thinking feeds into our teaching and will energise your student experience.

▼ **The design skills you learn will be as much about solving problems as they are about creating something new.**

Studying Architecture and Design

Who Studies Architecture and Design?

Creative thinkers who love knowing how things work. These are courses for people who are observant, inquisitive and creative. If you have an entrepreneurial spirit, if you're an optimist, if you find inspiration in unlikely places and like researching and planning as much as doing and making, these could be the ideal courses for you.

You'll develop the skills to create and develop, often to solve a problem or to improve an existing project.

Our courses encourage inquiry, investigation and research, with many opportunities to go beyond the classroom to create objects, spaces and places. You'll work closely with academic mentors and gain practical experience. With rapid changes in technology around the world, there is a need for highly educated, innovative, ethically driven, sustainability-conscious and technically competent designers.

Your studies, assessment tasks and learning experiences will also help to develop additional skills demanded by employers. These include evidence-based problem solving, critical thinking, decision-making, effective communication and time management.

If gaining the qualifications necessary to practise as an architect is what you're after you will need to study a Masters of Architecture.

Career opportunities with Architecture and Design degrees

Our graduates have very transferable skills and have pursued careers in fields such as:

- Architectural computer rendering
- Architectural practice: commercial and residential
- Brief writing
- Exhibition design
- Furniture design/making
- Graphic design
- Heritage and conservation management
- Interior design
- Local government
- Model making
- Product design
- Property and construction management
- Sustainable design consulting
- Theatre design
- Urban design
- Workshop management

Additional learning resources

Our Architecture and Design courses are a combination of classroom, studio and project learning that help you analyse and synthesise various functional, aesthetic, technical and theoretical design concerns. The School is housed in a converted 1951 diesel locomotive workshop designed by leading Australian architectural firms, Six Degrees Architects and Sustainable Built Environments. It has received numerous awards from the Australian Institute of Architects including National Awards for Heritage and Sustainability.

Two studios on the ground and top floors run the length of the building and provide flexible spaces for collaborative learning and teaching. The School also has a dedicated workshop for furniture design located in a purpose-built extension.

▼ This is an area highly exposed to the latest thinking, changing expectations and technology.

There are two computer labs in the School — one for individual studio work and another for teaching purposes. A range of software is available to students, including Rhino 3D, ArchiCAD, Revit, Vectorworks, SketchUp, Maxwell and the Adobe suite.

There is also a range of online academic skills tutorials to help with your research assignments, as well as access to programs designed to develop your communication, mathematical and English language skills. Students also have 24-hour access to computer labs.

Learning-by-Making program

Students in all our design disciplines and all year levels can participate in the Learning-by-Making program as part of their studies. Learning-by-Making projects have been a part of the School's learning experience for more than 20 years. The projects let you experience design work in collaboration with consultants and local authorities while undertaking the design and fabrication of small public buildings and structures.

You'll be part of a multidisciplinary team, working collaboratively on projects of value to the community. While there is a degree of altruism in these projects, they also give you the opportunity to work on real design and build projects before.

Course information

Architecture

The Bachelor of Environmental Design forms a necessary first stage in the qualifying process to be an architect. Graduates from this course may gain admission to the Bachelor of Environmental Design with Honours or Master of Architecture.

It also provides opportunities to study in other disciplines such as urban design, planning and landscape architecture.

See **page 35** for more information.

To become a practicing, qualified architect, you will need to do a Master of Architecture. See **page 36** for more information.

Furniture Design

Students who wish to study this program can study it as a specialisation under the Bachelor of Environmental Design — see **page 35** — or through the Associate Degree in Furniture Design, see **page 35**.

The program looks at furniture and object design and making. The program teaches you about the qualities of materials and shows you how to use those materials creatively.

It equips you with skills in traditional furniture making techniques, and gives you the ability to use the latest technology to create fresh designs in furniture and objects.

Interior Design

Students who wish to study this program can study it as a specialisation under the Bachelor of Environmental Design — see **page 35**.

This specialisation teaches you how interior spaces can influence how people live, work and enjoy themselves and how through those environments and their careful design you can make a positive change to people's lives and wellbeing.

In this program you will develop the knowledge of materials and sustainable design and practical skills needed to succeed in the industry.

The Interior Design program is a full member of IDEA (Interior Design/Interior Architectures Educators Association).

Undergraduate courses

We offer a Bachelor of Environmental Design with three specialisation options:

- Architecture
- Furniture Design
- Interior Design

Each specialisation has the design studio/workshop component at its core, supported by studies in relevant history and theory, building technology and design communication.

▼ Associate Degree in Furniture Design

Duration	Two years
Entry	February
Location	Launceston
Course code	S2F
CRICOS Code	057120K

The course is aimed specifically at the needs of furniture designers and makers. You gain the knowledge and skills needed to turn your passion for designing and making furniture into a career.

Students who successfully graduate from this course can articulate into the third year of the Furniture Design program under the Bachelor of Environmental Design.

Entry requirements

Standard university entry requirements.

▼ Bachelor of Environmental Design

Duration	Three years
Entry	February
Location	Launceston
Course code	73E
CRICOS Code	002847C
Indicative ATAR	65

This course addresses challenges presented by environmental, social and economic change and development. It's socially responsive and responsible, where you explore the interaction between design and inhabitation at different scales. It gives you the qualifications to work in many industries within this interesting and rewarding field.

The course provides a strong foundation in the skills and knowledge you'll need in your career. You choose a specialisation — in Architecture, Furniture Design or Interior Design. Through our globally-recognised Learning-by-Making program, you'll develop the skills and abilities to design, create and develop ideas across all aspects of the built environment.

This program inspires creative design underpinned by compelling social and environmental ethos.

Professional recognition

Graduates of the Interior Design specialisation eligible for Associate Membership of the Design Institute of Australia.

To pursue a career as an architect, you must complete a Master of Architecture and the requirements for registration with the Architects Accreditation Council of Australia.

Entry requirements

Standard university entry requirements.

Other Related Undergraduate Degrees

If you are interested in studying design, you may also be interested in looking at the following chapters:

Art, Music, Theatre chapter

- Bachelor of Fine Arts
- Bachelor of Visual Communications

Engineering chapter

- Bachelor of Engineering (Honours)
- Bachelor of Engineering (Naval Architecture) (Honours)

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of Architecture

Duration	Two years
Entry	February
Location	Launceston
Course code	D7C
CRICOS Code	059006G

If you wish to become a professionally qualified architect, you need to complete a Master of Architecture.

You will graduate fully prepared to participate in this thriving and rewarding industry. Through the Learning-by-Making program, which is integrated throughout your studies, you will participate in designing real projects for real clients, in collaboration with consultants and organisations.

Professional recognition

This program is recognised by the Australian Institute of Architects (AIA) and graduates are eligible for registration following an approved practical experience program over two years and successful completion of the architectural practice registration examinations of the Architects Accreditation Council of Australia (AACA). Registered architects can then become full members of the AIA, with mutual recognition by the Commonwealth Association of Architects, which offers opportunity for international recognition.

Entry requirements

A Bachelor of Environmental Design with a major in architecture or equivalent three-year undergraduate degree in architecture. Entry is subject to achieving an average weighted mark of at least 60% in the units of the final year of the undergraduate degree.

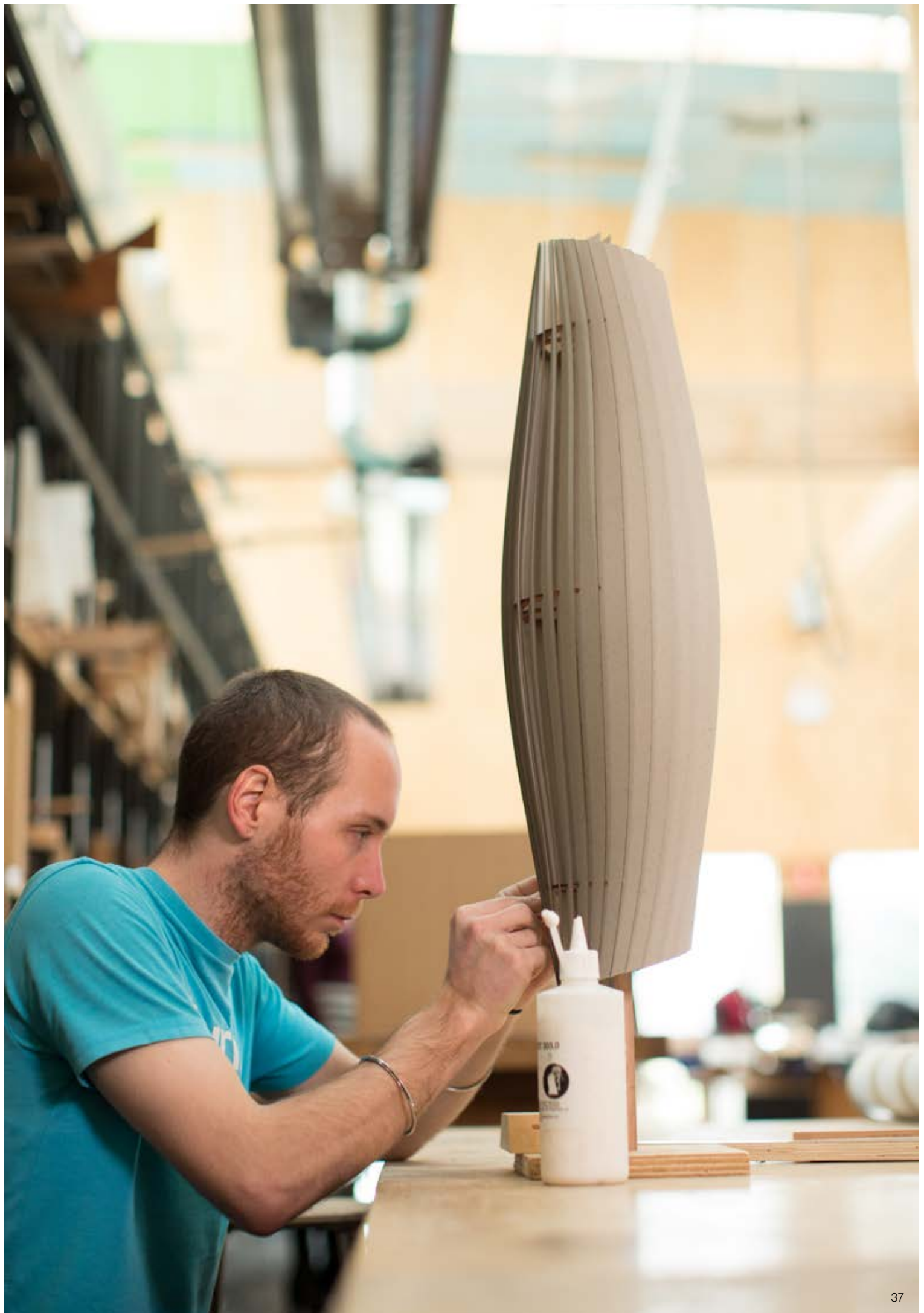
Applicants may also be asked to submit a portfolio of work containing items from their previous studies and other relevant activities.

Other Related Postgraduate Degrees

If you are interested in studying design you may also be interested in looking at the following degrees in our Art, Music, Theatre chapter:

- Master of Visual Communications
- Master of Fine Arts and Design

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.





Art, Music, Theatre

Art, Music, Theatre

Artists learn through making, whatever their preferred method of expression. At the University of Tasmania they also gain a deeper theoretical understanding of their discipline.

The University of Tasmania is one of Australia's premier institutions for aspiring students of visual art, design, music, and theatre.

To study the creative arts at the University of Tasmania is to surround yourself with energetic and passionate people, led by knowledgeable and approachable staff.

Using a studio-specific approach designed to encourage different expressions of creativity, the collegial environment fosters critical thinking and contemporary practice through support, enthusiasm and guidance.

We trace our leadership of Tasmania's cultural and economic development back to 1884 via the Conservatorium and the original School of Art. Today, our Arts specialisation continues to have a major cultural impact across the State.

Theatre and Art are prominent at the Inveresk Cultural Precinct, Launceston. Art and Visual Communication, together with Music and Audio, take centre-stage in Hobart.

Our outstanding facilities provide you with a supportive environment, highly qualified and experienced teaching staff, strong links to industry and community, and plenty of opportunity to engage with visiting artists, institutions and festivals of national and international significance.

We are proud to offer the most significant and long-standing arts practice and research programs in the country.

▼ **The most significant and longstanding arts practice and research programs in the country.**

Studying Art, Music, Theatre

Who Studies Art, Music, Theatre?

A life in the creative arts is often a calling not just a career. As a result, our courses are filled with dedicated, passionate, and motivated students working with us to develop their talent, practice and creative intelligence.

Whether practical, conceptual or theoretical our students develop the skills, experience and proficiency necessary to work and succeed within their chosen artistic profession.

The creative arts include studies in fine arts, visual arts, music, theatre, design and visual communication.

Your study experience

Each of these courses is designed to help you learn and practice your art. Before you begin your time here, we need to understand you: what level of practice you have achieved, and are you ready to work with us to take your talent to a higher level?

You'll start with a possible audition, by submitting a portfolio or undergoing an interview.

Your education experience will be centred around small class sizes and personalised attention. We believe this is the best way to gain the skills, experience and confidence you need to succeed in the creative professions.

Music

Music is your passion: it pushes you, inspires you and owns you! For students studying in any part of the Conservatorium — Associate Degree, Bachelor of Musical Arts or Bachelor of Music, this will mean developing your performance skills as far as you can imagine and further.

You will learn what it is to be part of a team through performances in many different ensembles, and you will increase your awareness and knowledge of music as one of the most significant and profound cultural forces.

For composers, working within our Music program provides a dynamic and progressive music environment. Surrounded by internationally-acclaimed composers and songwriters, you will find all the guidance and support you need to understand the works of masters in your field while developing your own 'voice'.

For Music Technology and Audio students within the Music program, you will have amazing opportunities to engage with artists, institutions and festivals of national and international significance.

The Conservatorium is directly linked to the Tasmanian Symphony Orchestra, with many of their musicians teaching into and holding positions at the Conservatorium.

The Contemporary Music Program is also linked to the globally renowned Museum of Old and New Art (MONA), the Festival of Voices, and the international festivals MOFO and Dark MOFO through numerous shared performances and other musical and interdisciplinary creative initiatives.

Art

Whether your focus is on a specific art studio, or a contemporary multi-disciplinary art practice, you will develop the conceptual, theoretical and practical skills and experience needed to succeed in your chosen field.

You'll work with experienced local and international artists, participating in individual and group-generated projects and studio practice.

You'll have access to a rich and varied exhibition program. This includes international exhibition projects, exhibitions by well-known established national, international and emerging artists and designers, including our current and graduating students.

Our design students can work in our professional practice program that provides hands-on experience working with clients and industry-based projects.

Theatre

If theatre is your world then we'd love you to join our theatre family. You'll study at The Annexe in Inveresk, a dedicated, working theatre space for students to train, rehearse and perform alongside practitioner scholars of national and international significance.

The experience will prepare and expand your knowledge of the performing arts by developing skills in acting, performance, design, devising, production, technical theatre, stage management and direction.

Your study experience

Music facilities

The Conservatorium of Music is home to lecture theatres; a recording suite with control room, studio area, and drum and isolation booths; the Conservatorium Recital Hall which is ideal for chamber music performances, small ensemble concerts, recordings and broadcasts; and an on-site music library.

Art studios and workshops

At our Hunter Street campus in Hobart our in-house facilities include sculpture, drawing, printmaking, painting, digital production and design, photography and video studios, wood and metal workshops, a specialist art supply shop and an outstanding on-campus library.

Studios at Inveresk in Launceston include ceramics, drawing, painting, photomedia, (darkrooms and digital processing), printmaking, textiles and workshops for sculpture (from small-scale jewellery to our large-scale metal fabrication and foundry).

Art galleries

The Tasmanian College of the Arts operates three galleries across the state: the Plimsoll Gallery; the Academy Gallery; and the NEW Gallery.

Each gallery hosts professionally curated exhibitions of international and national renown from a diverse range of artists, designers, and performers and students, and provides curation, installation, exhibition design skills and experience to our students.

Annexe Theatre

The Annexe is a purpose built, working theatrical space with a 148 seat main theatre, three dual-purpose performance and rehearsal studios, dressing rooms, and an extensive costume, lighting and props department.

▼ Opportunities to engage with artists, institutions and festivals of national and international significance.

Course information

3D Design

3D Design is available as a major through the Bachelor of Fine Arts (**page 44**) and as a specialisation in the Master of Fine Art and Design (**page 46**).

At the undergraduate level it teaches you the fundamental concepts and processes of digital and analogue fabrication and design innovation. You'll learn a variety of techniques for conceptualising, developing and presenting design solutions. In the professionally-oriented postgraduate course, studio practice helps you advance your technical and conceptual development.

Composition

This major is part of the Bachelor of Music (**page 44**) or can be taken as a specialisation in the Master of Music (**page 46**) or Master of Music Studies.

The technical and expressive skills for music composition, learning about instrumentation, pitch, rhythm and harmonic language. Establish your writing skills and compositional craft, and build a portfolio of compositions and interacting with ensembles.

Electronic Media

This major is part of the Bachelor of Fine Arts (**page 44**). This major focuses on the moving image and includes sound, website design, interactive media, physical electronics and installation.

You'll explore diverse skills through short practical projects.

History and Theory

This major is part of the Bachelor of Contemporary Arts (**page 44**). Study the visual and performing arts through criticism and related cultural, historical and theoretical themes. With a focus on the dialogue between theory and practice, you will explore a range of theories to analyse how the visual and performing arts are created and understood.

Music History/ Musicology

In the Bachelor of Musical Arts and the Bachelor of Music (**page 44**) you can major in music history or musicology. This major provides a focused study of music of different genres and historical periods in social and political context and also develops skills for critical musical analysis, music editing and archival music research.

Musicology is also available at masters level through the Master of Music (**page 46**).

Music Performance

Music Performance is part of the Bachelor of Music and Bachelor of Musical Arts. At an undergraduate level, you can choose to take a major in Classical Performance or Contemporary Performance through the Bachelor of Music. At a postgraduate level Performance can be taken as a specialisation stream in the Master of Music.

At the masters level you will develop a high level of technical and musical skills in your chosen performance area. You will be assigned to appropriate Conservatorium ensembles and are required to attend all rehearsals for concert performances.

Music Technology

This major is part of the Bachelor of Music. Learn and develop skills for musical expression using music technology. Using industry standard audio design tools, you'll engage in problem-based learning, analysis and experimentation.

Painting

This can be taken as a major in the Bachelor of Fine Arts and as a specialisation of the Master of Fine Art and Design.

Explore a wide variety of art practices and artists from historical and contemporary contexts. You'll learn idea and image development, exploration and experimentation, and the more formal foundations from colour and technique to intention. At the postgraduate level you'll be able to take your learning to a more advanced level, further developing your skills and knowledge.

Photography

This can be taken as a major in the Bachelor of Fine Arts and through the Master of Fine Art and Design.

At an undergraduate level learn to transform concepts into effective photographic imagery. Gain an overview of historical and contemporary photography while gaining technical proficiency. Take your skills to an advanced level through the professional practice-oriented coursework masters program.

Printmaking

Printmaking can be studied as a major in the Bachelor of Fine Arts and taken as a specialisation through the Master of Fine Art and Design. You will explore the technical, material and conceptual possibilities of the print medium and emerge with a comprehensive folio of work (including journals).

Singer-Songwriter

This major is part of the Bachelor of Music. This stream provides songwriters with the necessary music and lyric skills to develop a solid technical base for their work. Your individual creative voice is fostered through flexible tasks and mentoring. Opportunities exist for you to publicly perform and record your original work with other students.

Theatre

Theatre can be taken as a major in the Bachelor of Contemporary Arts or as a specialisation in the Master of Contemporary Arts. This is a dynamic blend of acting, design, production, direction, voice, movement and devised performance.

Visual Arts

This can be taken as a major in the Bachelor of Contemporary Arts or as a specialisation in the Master of Contemporary Arts and Master of Visual Communication.

At the undergraduate level you will learn the basic techniques drawn from Ceramics, Photomedia, Sculpture, Textiles, Painting and Drawing. You'll learn how techniques, mediums and concepts inform creative practice.

The professional practice-oriented coursework masters programs allow you to take your skills to an advanced level.

Sculpture

Sculpture is a major in the Bachelor of Fine Arts and can be taken as a specialisation in the Master of Contemporary Arts. At an undergraduate level, you'll gain the knowledge, confidence and technical skills required to develop contemporary sculpture and installation, while at masters you will explore and further develop your skills in both practice and theory.

Visual Communication

Visual Communication can be undertaken either as its own degree at undergraduate (Bachelor of Visual Communications, **page 45**) and postgraduate levels (Master of Visual Communication, **page 46**), or as a studio specialisation within the Bachelor of Fine Arts.

Learn skills and practical applications of graphic and web design, typography, image-making, conceptual development, composition and layout.

Undergraduate courses

▼ Bachelor of Contemporary Arts

Duration	Three years
Entry	February and July
Location	Launceston
Course code	13B
CRICOS Code	039207G
Indicative ATAR	Faculty Assessed

This degree provides students with a foundation in contemporary art practice in visual arts and theatre disciplines, and associated theory, and provides opportunities to engage with artists, performers, institutions and festivals of national and international significance.

Whether your focus is on a specific studio or multi-disciplinary art practice, you will develop the conceptual, theoretical and practical skills and experience needed to succeed in your chosen field.

Visual Arts students can develop their individual practice through gaining skills, and expertise across ceramics, drawing, painting, photo-media, printmaking, sculpture and textiles.

Theatre students are exposed to key areas of theatre practice: acting, design, production, direction, voice, movement and devised performance. Our course will develop your proficiency in performance and technical skills for working in the theatre profession.

Our theory students study contemporary arts through criticism and related cultural, historical and theoretical themes. You can explore creativity, performativity, space and site, nature and wilderness, individual and collective identity, and material culture.

Entry requirements

Standard university entry requirements. Study of a relevant pre-tertiary subject is desirable.

Additional entry requirements apply for each stream. See utas.edu.au/courses for more information including portfolio and audition details.

▼ Bachelor of Fine Arts

Duration	Three years
Entry	February and July
Location	Hobart
Course code	13C
CRICOS Code	005531K
Indicative ATAR	65

This course is delivered through a studio driven context. Digital and analogue skills and expertise in photography, sculpture, painting, printmaking, drawing, art and design theory, 3D design, electronic media and visual communications, are developed through practical, conceptual and theoretical studies. The degree also provides students with opportunities to engage with artists, performers, institutions and festivals of local, national and international significance.

Entry requirements

Standard university entry requirements. Study of a relevant pre-tertiary subject is desirable.

Additional entry requirements also apply. See utas.edu.au/courses for more information including portfolio requirements.

▼ Bachelor of Music

Duration	Three years
Entry	February and July
Location	Hobart
Course code	13K
CRICOS Code	002715D
Indicative ATAR	Faculty Assessed

This highly-competitive program helps you develop your music skills in a dynamic and progressive music-making environment. Whether your passions are classical or contemporary, you'll be able to explore new ways to express yourself and develop flexibility, imagination and confidence.

This integrated course is based on best international contemporary arts practice. The degree offers a high level of professional vocational training; a broadly-based music education; the necessary communication skills and flexibility to interact with the wider community; the development of research skills and skills in new technological developments in music.

All Music majors include co-major and minor studies that complement the specific specialist area. Students are expected to attend masterclasses of visiting artists specific to their field of study.

Majors

- Composition
- Performance (Classical)
- Performance (Contemporary)
- Musicology
- Music Technology
- Singer-Songwriter

Entry requirements

Standard university entry requirements.
A pre-tertiary music subject is desirable.

Overseas/interstate applicants are also required to submit a certified performance of recent performance/s (may be by high quality digital file).

Instrumental and vocal applicants

should prepare a program comprising three works of contrasting style and period. Some instruments have specific audition requirements. please contact the Conservatorium at **Conservatorium.Admin@utas.edu.au** for more details.

Composition applicants should present a folio of at least three compositions, including excellent quality (DAT or CD) recordings of the best performances of their work.

▼ Bachelor of Visual Communication

Duration	Three years
Entry	February and July
Location	Hobart
Course code	13F
CRICOS Code	056432B
Indicative ATAR	65

This course offers the opportunity to learn and study technical, conceptual and research skills as well as produce innovative and effective visual communications or graphic designs.

The course provides a career pathway to enter all aspects of the communication design industry, including:

- Advertising
- Graphic design
- Multimedia
- Publishing
- Film
- Theatre
- Music
- Video
- Television

All Visual Communications students are required to take the Bachelor of Visual Communication Support Studies major which combines essential art and design theory plus visual communications basics.

Select either Electronic Media or Visual Communications as a major, and study the other as a minor.

Entry requirements

Standard university entry requirements.
Study of a relevant pre-tertiary subject is desirable.

Additional entry requirements also apply. See **utas.edu.au/courses** for more information including portfolio requirements.

Other Related Undergraduate Degrees

If you are interested in studying design, you may also be interested in looking at the following degree in our Architecture and Design chapter:

- Bachelor of Environmental Design

For a full course list please see tables on **pages 147–152** or visit **utas.edu.au/courses**.

Postgraduate courses

▼ Master of Fine Art and Design (Specialisation)

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	F7D
CRICOS Code	030407F

The Master of Fine Art and Design is a professionally oriented course that facilitates technical and conceptual development through studio practice. Students complete a professional practice project or a series of such projects agreed upon in consultation with the Postgraduate Coursework Coordinator and Supervisor/s.

Specialisations include:
Curatorial Studies; 3D Design; Drawing; e-Media; Painting; Photography; Printmaking; Public Art and Sculpture.

Those interested in Graphic Design are encouraged to consider the Master of Visual Communication.

Entry requirements

A recognised undergraduate degree or equivalent in fine art, design or a cognate discipline with credit or above in the final year of study.

Applicants must also supply supporting material including a portfolio, curriculum vitae and copy of academic transcripts. Please visit utas.edu.au/courses for details.

▼ Master of Music

Duration	Two years
Entry	February and July
Location	Hobart
Course code	F7E
CRICOS Code	027730K

If you wish to advance your skills in instrumental/vocal performance and composition, the Master of Music is ideal for you. Lecturers and tutors will help you focus on developing high level technical and music skills within your chosen area.

Specialisations include: Composition; Musicology; Orchestral Studies; and Performance.

Entry requirements

Admission to the Master of Music (coursework) is by application and audition. Performers are expected to prepare at least 30 to 40 minutes of music that demonstrates their musical skills. Composers are to submit a folio of recent work either as scores, sound recording, video or a combination of these.

Please visit utas.edu.au/courses for details.

▼ Master of Visual Communication

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	F7T
CRICOS Code	056442M

Visual communication designers of the future will need to possess extensive expertise and a clear, incisive quality of thinking that will enable them to meet evolving cultural and social networks. As new technologies are continually developed, designers play a key role in their adoption, application and dissemination; there are no limits to the number of fields to which designers contribute. This course equips you with a range of core research and technical skills and adaptive creative approaches to prepare you for the challenges that lie ahead in this rapidly evolving field.

Career outcomes for graduates of the Master of Visual Communication include specialisations in graphic design, electronic/multimedia design, print media, packaging design, product design, computer games, advertising, illustration design, and aspects of film, television, music and theatre design.

Entry requirements

A recognised undergraduate degree or equivalent in a visual communication, visual art, or a cognate discipline, with credit or above in the final year of major.

Applicants must also supply supporting material including a portfolio, curriculum vitae and copy of academic transcripts. Please visit utas.edu.au/courses for details.

Other Related Postgraduate Degrees

If you are interested in studying design, you may also be interested in looking at the following degree in our Architecture and Design chapter:

- Master of Architecture

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.



A young man and woman are standing in a library, looking at books. The man is holding a green book, and the woman is holding a book with a dark cover. They are both looking down at the books. The background is a red wall with three black pendant lights hanging from the ceiling. To the left, there are bookshelves filled with books.

Arts, Humanities and Social Sciences

Arts, Humanities and Social Sciences

Our University has always had a distinct focus on understanding what drives human achievement — enquiring and learning how human interaction and behaviour helps drive the world forward. That focus remains today and is a cornerstone of our teaching and research endeavours.

Our wide range of courses gives you the chance to pursue a particular field of study in depth, with a particular career in mind. Or explore a variety of personal interests to add breadth to your knowledge. You can even discover interests as you go.

Because of their flexible structure, these degrees are an excellent way to transition from school to university to career. And they are some of the most popular first degrees for school leavers and other learners.

There is also a chance to push the boundaries of knowledge.

We have a program of innovative research that responds to local need, and addresses globally significant problems. You will be taught by staff who are leaders in their particular fields of research so your learning experience will be informed by new insights and innovations. The research is conducted in the School of Humanities and the School of Social Sciences as well as in specialist centres; the Asia Institute Tasmania, the Institute for the Study of Social Change and the Tasmanian Institute of Law Enforcement Studies.

▼ **An Arts degree opens doors to an array of diverse and satisfying careers.**

Studying Arts, Humanities and Social Sciences

Who Studies Arts, Humanities and Social Sciences?

People with wide interests and very personal passions. Arts, Humanities and Social Sciences students are often thinkers, problem-solvers and doers — people who don't shy away from a good discussion or chance to argue a case.

These courses will encourage you to sink your teeth into study and research, get involved in class discussions and interact with academic staff.

You'll find opportunities for international exchange, volunteering and internships — experiences that help you graduate with the type of skills and personal qualities employers are looking for across the world. These include skills such as effective communication, critical thinking and decision-making as well as provable abilities in problem solving, research and investigation, and time management.

Career opportunities with Arts, Humanities and Social Sciences

Graduates at the University of Tasmania can provide a wide range of experiences and broad workplace skills. They also let you choose specialist career studies.

A few possibilities include:

- Administration
- Advertising
- Armed Forces
- Business
- Community work
- Counselling
- Diplomacy
- Heritage and museology
- Industry
- Interpreting
- Journalism
- Management
- Marketing
- New media
- Paralegal
- Police Force
- Politics
- Psychology
- Publishing
- Radio and television
- Research
- The Arts
- Teaching
- Tourism

Course information

Ancient Civilisations and Languages

The classic period holds endless fascination and modern parallels, from the Greeks and Romans to the Middle Ages and Celts.

The Ancient Civilisations major is offered through the Bachelor of Arts (**page 54**) and looks at language, art, architecture, society and conflict.

You may also choose to take a major in Ancient Greek and/or Latin through the Bachelor of Arts degree.

Asian Languages and Studies

Develop a deep understanding of the cultures, societies and languages of Asia by undertaking a major in Chinese, Japanese, Indonesian and/or Asian Studies through the Bachelor of Arts.

By undertaking our Asian Languages and Studies programs you will gain an in-depth knowledge and understanding of not only the language, but the society and culture behind it.

You will also have the opportunity to study from two weeks and up to a year in many countries (including Japan, China, Indonesia, India, Thailand, Cambodia, and Nepal).

Behavioural Studies

Offered as a major in the Bachelor of Arts, this introduction to psychology includes research methods, intelligence, social psychology and cross-cultural psychology. It can include studying emotional development and behaviours from childhood to adolescence to adulthood.

You may also wish to look at Psychology in our **Medicine, Health Sciences and Community Care** chapter or visit utas.edu.au/courses.

Criminology

Investigate the intersection of crime and society: Criminology examines a range of issues such as terrorism, cybercrime, policing, offender rights, victim impacts and juvenile justice.

Criminology can be studied as a major through a Bachelor of Social Sciences (**page 55**) or a Bachelor of Arts.

It can also be taken as an elective when studying the Master of Police Studies.

For more information visit utas.edu.au/courses.

Economics

Economics can be undertaken as minor course of study within a Bachelor of Social Science.

If you wish to take Economics as a major, you will need to study it as part of a Business degree.

European Languages and Studies

The European Languages and Studies Program offers both French and German language majors through the Bachelor of Arts for students of all ability levels.

Units examining French and German culture, including units on the literature of French and German speaking countries, are also available.

For more information visit utas.edu.au/courses.

Gender Studies

Gender Studies explores the meaning and impact of gender and sexual difference on all our lives. This major examines historical and contemporary representations of gender, sex, and sexual identity, and analyses the tangled relations between gender, race, class, ethnicity and religion.

Gender Studies can be studied as a major through a Bachelor of Arts.

Geography

This study of the geophysical world looks at the extraordinary variety of landscapes, environments and species on our planet. It includes study into climate, ecology, agriculture and conservation.

You can undertake geography as a major in the Bachelor of Arts through the Arts Faculty.

A number of other undergraduate degrees offer units in geography including the Bachelor of Science (**page 142**), and the Bachelor of Applied Science (Environmental Science) (**page 26**).

At a postgraduate level you can study geography through the Master of Applied Science (Environmental Management and Spatial Sciences) (**page 27**).

For a full course listing please see tables on **pages 147–152** or visit utas.edu.au.

Journalism, Media and Communications

At an undergraduate level, Journalism, Media and Communications (JMC) can be undertaken as a major or minor within a Bachelor of Arts, or as a second major within a Bachelor of Social Science.

You can gain a greater understanding of these fields at a postgraduate level by taking a Master of Journalism, Media and Communications (**page 56**).

Languages

Ancient Greek, Chinese, French, German, Indonesian, Japanese, and Latin are all available as majors through the Bachelor of Arts.

Legal Studies

A Legal Studies major gives you the chance to get a feel for Law by looking at various legal systems, diverse areas of the Law and looks at how different legal problems and issues can be approached.

You may also be interested in our law degrees. For more details refer to our **Law** chapter or visit utas.edu.au/courses.

Music History

This major takes a broad approach to the history of music. It focuses on major composers, pivotal periods and the evolution of various musical genres and styles.

Philosophy

Undergraduate students have the option of undertaking a major or minor in Philosophy through the Bachelor of Arts.

We also offer an advanced minor in Asian Philosophy.

You will learn to evaluate arguments addressed to the deepest questions life offers. Along the way you will acquire the communication and problem-solving skills that employers value above everything else.

Politics and International Relations

Politics and International Relations covers a variety of areas ranging from international security and human rights to political economy, terrorism and counterterrorism, Australian politics, the international and local politics of the environment, Asian politics, Police Studies, and much else besides.

At an undergraduate level, majors in International Relations, and Politics and Policy are both available through the Bachelor of Arts.

Postgraduate students may wish to undertake masters degrees in either International Politics (**page 56**), Public Policy (**page 57**) or Public Administration (International) (**page 57**).

Psychology

Studying psychology provides you with career options across an incredibly broad range of fields from public affairs to marketing to health services.

We offer a range of courses that allow you to explore psychology. These include taking majors or minors in psychology through a Bachelors in Arts, Social Science, Science or Psychological Science as well as postgraduate degrees that may allow you to practice as a psychologist.

For details on studying psychology please see the **Medicine, Health Sciences and Community Care** chapter or visit utas.edu.au/courses.

Social Work

Social work is offered through the School of Social Sciences.

For more details about this course, please refer to the **Medicine, Health Sciences and Community Care** chapter or visit utas.edu.au/courses.

Sociology

Explore social identities, differences, structures and societal change. The sociology major, offered as part of the Bachelor of Arts or Bachelor of Social Sciences, teaches skills in research and prepares you for a career in research, government, non-profit organisations and other human-focused fields.

Tourism

Tourism is offered as a second major in the Bachelor of Arts. It touches on tourism as an industry as well as factors (like history and culture) that affect or involve destinations or types of tourism.

It can also be studied as part of a Bachelor of Business Administration (Tourism Management) through the Tasmanian School of Business and Economics (**page 65**).

Postgraduate students have the option of taking tourism related subjects through the Master of Protected Area Governance and Management (**page 28**).

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

Undergraduate courses

▼ Bachelor of Arts

Duration	Three years
Entry	February and July
Location	Hobart, Launceston
Course code	13A
CRICOS Code	001694A
Indicative ATAR	65

The Bachelor of Arts is the ultimate, flexible university degree. With over twenty possible majors or minors, you can select subjects to build your knowledge, and electives to enhance your skills. You can study across different disciplines, go on exchange with international partners, and gain real-world experience through placements or internships. You can create your own future and build your own career.

Our diverse range of disciplines includes: European Languages and Studies, Sociology and Criminology, English, History and Classics, Philosophy and Gender, Asian Languages and Studies, Politics and International Relations, Journalism and Media, Aboriginal Studies.

Depending on your interests you can develop your language skills in a native-speaking environment, undertake culture or media research, take part in Buddhist Studies in India, or professional placement opportunities by volunteering in non-government organisations across Asia, with our in-country programs

You may also be able to gain experience through a variety of internships in politics, non-government organisations or the public sector as part of their degree.

Our Arts degree gives you more than in-depth knowledge of your chosen field: it gives you the vital skills employers are demanding globally — skills like critical thinking, research, effective communications, and the ability to balance cultural difference while working towards a common goal.

We offer 26 different majors ranging from languages to criminology to history and ancient civilisations. Most students choose to take two majors giving you a strong knowledge of two different specialist areas.

Majors:

- Aboriginal Studies
- Ancient Civilisations
- Ancient Greek
- Art Theory
- Asian Studies
- Behavioural Studies (major only)
- Chinese
- Criminology
- English
- French
- Gender Studies
- Geography
- German
- History
- Indonesian
- International Relations
- Japanese
- Journalism, Media and Communications
- Latin
- Legal Studies (2nd major only)
- Music History (Major only)
- Philosophy
- Politics and Policy
- Psychology
- Sociology
- Tourism (2nd major only)

A corporate internship is part of the Tourism study program

Entry requirements

Standard university entry requirements.

▼ Bachelor of Social Science

Duration	Three years
Entry	February and July
Location	Hobart, Launceston
Course code	13E
CRICOS Code	027725G
Indicative ATAR	65

The Bachelor of Social Science is a specialist course of study for those who are interested in working with people and in affecting social and political change.

The degree brings together disciplines that relate to human experience and behaviour, exposure to how contemporary organisations work and an understanding of national and international social and political issues. Students may also be able to gain experience through a variety of internships in politics, non-government organisations or the public sector as part of their degree.

Studies are based in either Sociology or Public Policy majors, with a choice of complimentary majors in Criminology, Political Science, International Relations or from other disciplines including Psychology, Human Resource Management, Geography and Environmental Studies.

Whether you wish to work in community development, foreign affairs, politics or social welfare, the Bachelor of Social Science is the perfect degree to provide you with the knowledge and expertise for solutions in the real world.

Entry requirements

Standard university entry requirements.

Double or Combined Degrees

A Bachelor of Arts can also be combined with bachelor degrees in Business, Economics, Fine Arts, Information and Communication Technology, Laws, and Science.

Other Related Undergraduate Degrees

If you are interested in studying Arts, Humanities or Social Science related degrees, you may also be interested in looking at the following degrees in our Medicine, Health Sciences and Community Care chapter:

- Bachelor of Psychology with Honours
- Bachelor of Social Work

If you are interested in studying the creative arts please see the following degrees in our Art, Music, Theatre chapter:

- Bachelor of Contemporary Arts
- Bachelor of Fine Arts
- Bachelor of Music
- Bachelor of Visual Communications

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of International Politics

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	R7Q
CRICOS Code	044261D

The Master of International Politics aims to provide a quality tertiary qualification at the postgraduate level in a professional coursework-plus-thesis program. The course aims to provide students with:

- a thorough grounding in analytical theory and practice;
- broader knowledge of recent developments in the field; and
- extended skills to design, conduct and appraise research in this field.

Career outcomes

Graduates will be equipped with the necessary skills and knowledge that lead to senior managerial, policy or research positions in the international arena and can lead to rewarding careers in areas as diverse as diplomacy, international trade and development, and non-government organisations.

Entry requirements

Recognised bachelor degree.

▼ Master of Journalism, Media and Communications

Duration	Two years
Entry	February and July
Location	Hobart
Course code	R7J
CRICOS Code	066765J

This degree is designed for people wishing to enter a wide variety of fields as an expert communicator. You will learn advanced written and visual communication skills, gain in-depth knowledge of strategic and political communications fields and media industries, and learn to produce materials for and engage with traditional and emerging media platforms.

The University has TV and radio studios and editing suites available for use by students as well as quality recording equipment.

Internships

Students may be able to complete an internship with NGOs, arts and community groups, development organisations, public relations and political consultants, media organisations, and science and health institutions.

Entry requirements

Entry is dependent on your previous education and industry experience.

Direct entry will be granted to students with a Bachelor degree in Journalism, Media and Communications or equivalent related degree with a distinction average (Honours) and a level of English equivalent to an IELTS score of 7 with no individual band less than 6.5. These students will undertake the one year Masters option (see following).

International students who do not meet the requirements for direct entry at the Masters level can obtain direct entry at Graduate Diploma or Graduate Certificate level and package this with an offer for entry to Masters.

Students seeking entry into postgraduate courses based on employment experience only (i.e. no bachelor degree) can be admitted to the Graduate Diploma or Graduate Certificate. Progression from the Graduate Diploma or Graduate Certificate to Masters requires results of Credit average.

*Additional information

This course has a 1 year or 2 years' duration, subject to previous study and industry experience:

The **TWO YEAR** masters degree is designed for students who wish to build on bachelor degrees in any field including, but not limited to, science, health, social work, arts, business or law to become professional and effective communications specialists.

The **ONE YEAR** masters is designed for (a) graduates with significant relevant media industry experience who wish to update and enhance their skills in media and communications, while also undertaking a period of sustained research or creative practice on a related topic, and (b) graduates of an honours degree in Journalism, Media and Communications or equivalent, who wish to pursue further professional-focused study.

▼ Master of Public Administration (International)

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	R7R
CRICOS Code	046651G

The Master of Public Administration (International) aims to develop high-level, advanced skills in international public administration for mid-career professionals. Students will be equipped with a detailed understanding of contemporary developments in policy development, program analysis and management and increase their skills in public administration, with a particular focus on program and policy management.

Career outcomes

Graduates are equipped with skills and knowledge for careers in the public and private sectors, community and non-government organisations, public relations, policing, teaching, journalism and research.

Entry requirements

Recognised bachelor degree.

▼ Master of Public Policy

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	R7M
CRICOS Code	048271C

The course aims to provide students with a thorough grounding in the theory and practice of public policy; skills to engage in informed debate about major public policy issues in contemporary society; knowledge of recent developments in the field; and extensive skills to design, conduct and appraise research critically.

Entry requirements

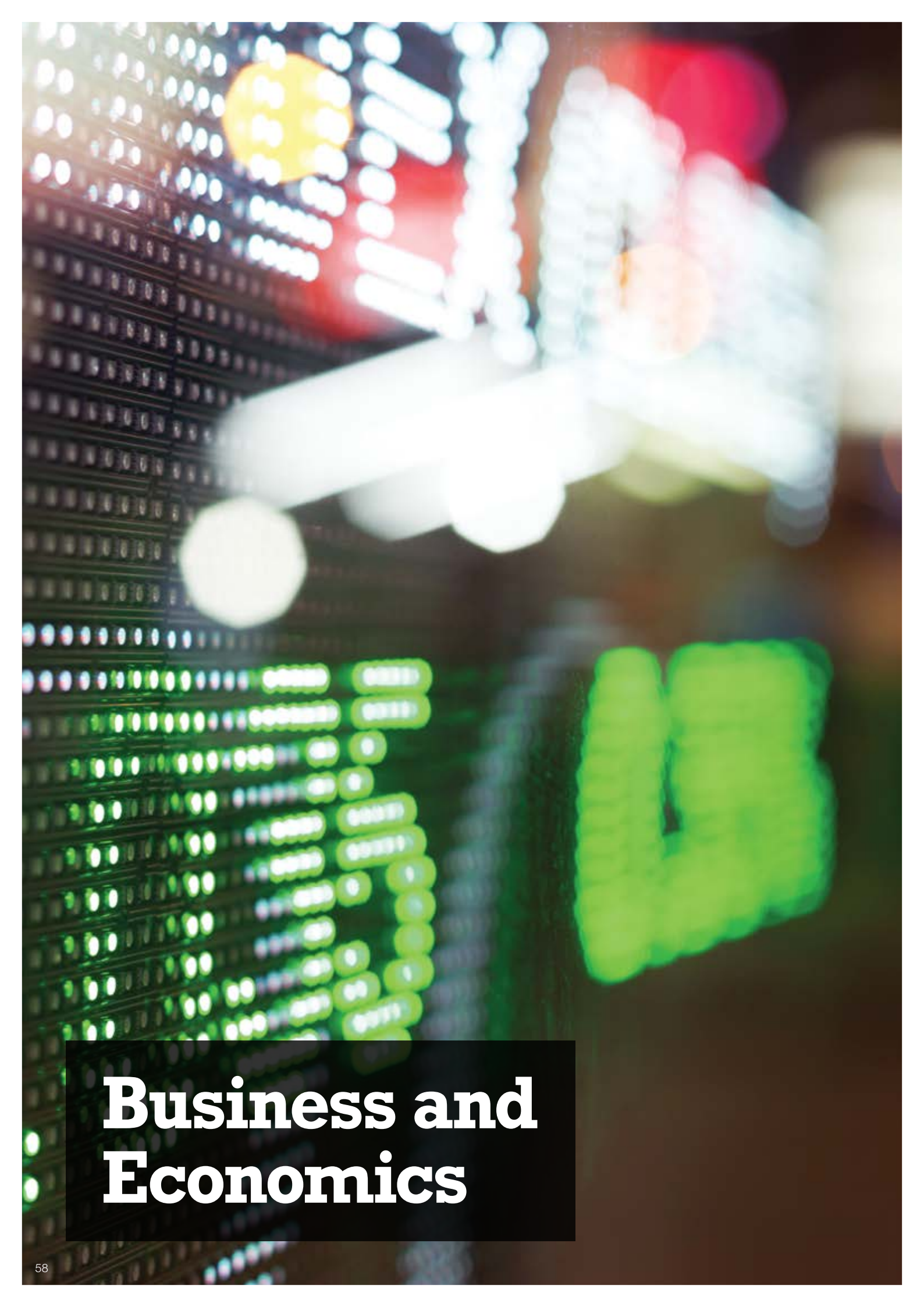
Recognised bachelor degree.

Other Related Postgraduate Degrees

If you are interested in studying Arts, Humanities or Social Science related degrees, you may also be interested in looking at the following degrees in our Medicine, Health Sciences and Community Care chapter:

- Master of Social Work
- Master of Psychology (Clinical)
- Master of Professional Psychology

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.



Business and Economics

Business and Economics

By keeping pace with and anticipating changes in business, the University of Tasmania ensures your degree is relevant now and into the future.

Business reaches and affects every facet of society. New markets and traditional industries alike need to cope with a changing world. Each will demand people with a firm understanding of business fundamentals, people who can devise and implement new strategies, respond to opportunities and meet the challenges of a changing world.

Different roles need different skills. These range from working with people, thinking creatively, marshalling talent, measuring performance and pursuing success. They can be applied to all business endeavours, from creating your own business opportunities to working within organisations or government, to helping determine policy, planning and investment.

You'll learn from people who are experts in the areas they teach. To ensure their lessons stay relevant, they maintain strong relationships with industry, professional associations, other academics and government.

Research keeps us at the forefront of business change. Our researchers undertake quality research in accounting, corporate governance, economics, entrepreneurship, finance, human resources, logistics, management and marketing. This high-quality new thinking feeds into our teaching and is reflected in our university being ranked in the top 2% in the world in the latest QS World Rankings.

▼ **A business degree from our university has real-world applications and global recognition.**

Studying Business and Economics

Who studies Business and Economics?

A business degree is one of the most sought after degrees at university. It is also one of the most asked for by employers.

All sectors of a modern economy rely on effective management, financial control and administration. A knowledge of business helps round out a CV. A depth of understanding in a particular discipline can take your CV from the list of maybes to the top of the pile. A business qualification provides an excellent generalist degree for many graduate positions. It can also provide the specialist knowledge to pursue focused careers in areas like accounting, banking and finance, human resources, marketing, systems analysis and more.

To study business is to study how to make an organisation successful. As well as understanding the fundamentals of business, you'll develop workplace skills such as critical thinking, strategic analysis and measured decision-making.

Economics will give you a more detailed knowledge of micro and macro-economic issues, both national and international. It can also help you understand how strategic decisions are made by individuals, by firms and by governments.

For those wishing to advance their careers, a postgraduate qualification can provide the strategic knowledge and leadership skills necessary to take their careers to the next level.

Corporate Internship Program

This program combines academic components with a workplace experience for one or two days a week.

Undertaking an internship program may provide you with a beneficial professional relationship to improve your employment opportunities on completion of your degree.

Eligible students in both undergraduate and postgraduate degrees are considered for internships. Some rules apply for courses offered through both TSBE and AMC and you should check with the Faculty Officers in the relevant faculty for details.

To replicate real world experience, you will go through a competitive application, interview and selection process to determine your eligibility.

Course information

Accounting

Accountants advise on and manage the financial aspects of a business or organisation. This includes: capital investment, taxation, shareholding, auditing, personal finance and corporate reporting and regulation.

You can study Accounting as a major within the Bachelor of Business (**page 63**) or at a postgraduate level in either the Master of Professional Accounting (MPA) or the MPA (Specialisation) (**page 71**).

Business Administration

At an undergraduate level we offer a general Bachelor of Business Administration degree (**page 63**) that covers HRM, Management or Marketing. You can also choose to study one of our specialist degrees in Tourism, Hospitality or Maritime and Logistics Management.

At the postgraduate level the University of Tasmania offers a number of options including the MBA and the MBA (Specialisation) through the Tasmanian School of Business and Economics, as well as the highly specialised maritime-oriented MBA (Maritime and Logistics Management), and the MBA (Industry Specialisation) available in Marine Environment and Management; Maritime Technology and Management; and Shipping and Maritime Management).

Economics

Economics is the study of the production and consumption of goods and the transfer of wealth to produce and obtain those goods.

For information about our Bachelor of Economics see **page 67**.

Finance

Finance looks at how individuals, businesses and organisations raise and invest capital and resources and study market trends for future investment opportunities.

At an undergraduate level you can study Finance as a major in the Bachelor of Business (**page 63**) or Bachelor of Economics (**page 67**) or at a postgraduate level with the Master of Finance (please visit utas.edu.au/courses for more information).

Hospitality

Our Bachelor of Business Administration (Hospitality Management) will further develop your hospitality management skills gained as part of your previous studies in a Diploma or Advanced Diploma in Hospitality Management. Your studies will include human resource management and marketing.

See **page 64** for more details.

Human Resources

Human Resources looks at the management of people within a business or organisation through employment relations, recruitment, employment agreements and organisational design and leadership.

You can study Human Resource Management as a major in the Bachelor of Business (**page 63**) or at a postgraduate level within the MBA degrees (see **page 69** or visit utas.edu.au/courses for more information).

International Business

Learn how to think globally about the business world and manage multinational businesses, or turn local and national companies into international success stories through an International Business degree.

See our Master of International Business (**page 70**) for more information.

International Logistics

International logistics is the fundamental component of international trade.

Open the door to a career that offers excellent earning potential and worldwide opportunities within the logistics industry, preparing you for management and senior administrative careers in private enterprise, industry organisations and government.

At an undergraduate level you can take logistics as a major in the Bachelor of Business, see **page 63** or if you wish to focus more strongly on logistics you can take the Bachelor of International Logistics (Freight Forwarding) **page 67**.

For those wishing to focus strongly on logistics at a postgraduate level you can take the Master of Business (Advanced) (Maritime and Logistics Management) at the Australian Maritime College at our Launceston campus (see **page 69**).

Marketing

Marketing touches almost every aspect of business strategy and operations from product development and planning, pricing strategies, distribution channels to advertising and marketing communications.

You can study Marketing as a major within the Bachelor of Business (**page 63**) or at a postgraduate level in the Master of Marketing Management (**page 70**).

Tourism

Our Bachelor of Business Administration (Tourism Management) will further develop your hospitality management skills, including human resource management and marketing, which you gained as part of your previous studies in a Diploma and Advanced Diploma.

See **page 65** for more details.

Undergraduate courses

▼ Bachelor of Business

Duration	Three years
Entry	February and July
Location	Hobart, Launceston, Distance
Course code	33A
CRICOS Code	002346B
Indicative ATAR	65

Prepare yourself for the corporate world with this multi-disciplined degree. We will teach you the fundamental principles underlying the dynamic professional world of business.

Majors

- Accounting (Hobart, Launceston)
- Business Economics (Hobart)
- International Logistics Management (Launceston AMC, Distance)
- Finance (Hobart, Distance)
- Human Resource Management (Hobart, Distance)
- Information and Communication Technology (Hobart, Launceston[^])
- Management (Hobart, Launceston)
- Marketing (Hobart, Distance)
- Tourism (Hobart) (2nd Major only)

Career opportunities

- Accounting
- Advertising
- Business consulting
- Corporate finance
- Industrial relations
- Human resource management
- Management
- Services marketing

Professional recognition

This course may give you qualifications that will allow you to apply for membership of various professional bodies. To be eligible, you'll need to successfully complete the units endorsed by that body. Membership details can be obtained from the appropriate professional body in Australia for example:

- Institute of Chartered Accountants in Australia
- CPA Australia
- Australian Human Resources Institute
- Australian Institute of Management
- Australian Marketing Institute
- Institute of Public Accountants

Entry requirements

Standard university entry requirements.

International students who have not completed a pre-tertiary or higher level mathematics subject are required to undertake the mathematics bridging program BEA109 Introduction to Quantitative Methods.

▼ Bachelor of Business Administration

Duration	Two years
Entry	February and July
Location	Hobart, Launceston
Course code	33O
CRICOS Code	085311D
Indicative ATAR	NA

This course provides holders of a diploma, advanced diploma or their recognised equivalent from abroad with the opportunity to gain a professional university degree in business administration. It will give you a sound knowledge of the fundamental principles and concepts in a range of key business disciplines such as human resource management, management and marketing.

You will learn to apply leading theories to real-world business situations, and demonstrate high-level proficiency in critical thinking, research, and the principles of social responsibility.

You will be able to apply in-depth knowledge of foundational and contemporary business management theories, concepts, and practical principles.

[^] First year only

Areas of study

You will study a range of business areas including:

- Human Resource Management (Hobart, Distance)
- Management (Hobart, Launceston)
- Marketing (Hobart, Distance)

Career opportunities

- Human resource management
- Management
- Marketing

Entry requirements

Diploma or Advanced Diploma in a business related discipline.

Students holding a diploma will complete the degree in two years with one year of advanced standing. Students holding an advanced diploma can complete the degree in 1.5 years with 1.5 years of advanced standing.

▼ Bachelor of Business Administration (Hospitality Management)

Duration	Two years
Entry	November
Location	Hobart
Course code	33G
CRICOS Code	081315K
Indicative ATAR	NA

This course provides holders of an Advanced Diploma of Hospitality Management with the opportunity to gain a professional university degree in hospitality management.

At the end of the degree, you will have a sound knowledge of the fundamental principles and concepts of management.

You will be able to recognise the value of research, critical thinking and effective communication. Specific professional skills include interpersonal communication, services management, team work, report writing and problem-solving techniques.

Career opportunities

- Hospitality management
- Human resource management
- Marketing

Professional recognition

Graduates may be eligible to apply for membership status in the Catering Institute of Australia.

Entry requirements

Successful completion of a recognised advanced diploma in hospitality management or equivalent.*

* If you have completed the relevant TasTAFE Advanced Diploma you will be granted credit/advanced standing for fourteen units towards this degree. For full details please see utas.edu.au/courses.

▼ Bachelor of Business Administration (Tourism Management)

Duration	Two years
Entry	November
Location	Hobart
Course code	33H
CRICOS Code	081314M
Indicative ATAR	NA

This course provides holders of an Advanced Diploma of Tourism Management with the opportunity to gain a professional university degree in tourism management.

The degree gives you a sound knowledge of the fundamental principles and concepts of management, a familiarity with significant literature in the field and the ability to review, consolidate, extend and apply the knowledge and techniques to the tourism sector.

Career opportunities

Graduates will have the knowledge and expertise to work in diverse sectors of the travel and tourism industry such as:

- Arts, museums and historic sites
- Destination development
- Events and convention management
- Parks and Wildlife Service
- Sport and recreational development
- Tourism journalism and media
- Travel agent

Entry requirements

Successful completion of a recognised advanced diploma in tourism management or equivalent.*

▼ Bachelor of Business (Maritime and Logistics Management)

Duration	Three years. Up to seven if studying by distance
Entry	February and July
Location	Launceston (AMC), Distance
Course code	J3X
CRICOS Code	062253K
Indicative ATAR	65



This degree is designed to prepare you for careers in the dynamic and internationally-focused maritime and logistics industries and related areas.

This course is unique because it combines core business principles in finance, marketing, economics, business law and strategic management with specific maritime industry units of study including:

- port and terminal management
- ship operations management
- maritime economics.

These are studied in combination with logistics-based units including Supply Chain Management, Global Procurement and Warehousing Management to provide the necessary focus and an in-depth appreciation of the issues confronting the maritime and logistics industries.

The course culminates with the Transport Research Project that requires you to apply business research techniques to contemporary issues in the maritime and logistics industries.

Please see next page for a sample course structure.

Career opportunities

- Commercial shipping
- Ports and terminals
- Freight forwarding
- Importing and exporting
- International trade
- International logistics
- Warehouse management

Entry requirements

Standard university entry requirements.

* If you have completed the relevant TasTAFE Advanced Diploma you will be granted credit/advanced standing for fourteen units towards this degree. For full details please see utas.edu.au/courses.

Sample Bachelor of Business (Maritime and Logistics Management) Course Structure

Majors — Maritime Management and International Logistics Management, Minor — Transport Management

	MAJOR 1 Maritime Management 2 introductory 2 intermediate and 4 advanced units	MINOR Transport Management 2 introductory and 2 intermediate units	4 STUDENTS ELECTIVES	MAJOR 2 International Logistics Management 2 introductory, 2 intermediate and 4 advanced units
YEAR 1				
Sem 1	Introduction to Maritime Industry	Finance Resource Management	Suggested Elective: Exploring and Importing	International Business Communication
Sem 2	Ship Operations Management	Business and Transport Law	Suggested Elective: Air Freight Transport	International Transport Systems
YEAR 2				
Sem 1	Maritime Law	Economics for Transport Manager	Suggested Elective: Chartering and Brokering	International Business Management
Sem 2	Analytical Methods for Decision-Making	Marketing	Suggested Elective: Principles of Freight Forwarding	Logistics Management
YEAR 3				
Sem 1	Maritime Economics Managing People for Competitive Advantage			Warehouse Management Global Procurement
Sem 2	Transport Research Project Port and Terminal Management			Strategic Management in Networked Industries Supply chain

▼ Bachelor of Economics

Duration	Three years
Entry	February and July
Location	Hobart
Course code	33E
CRICOS Code	002342F
Indicative ATAR	65

This degree will allow you to develop a detailed understanding of economics at both international and national levels. You will learn about how micro and macroeconomic systems are organised and how decisions are made by individuals, businesses, firms and governments.

Majors

Students are required to complete one of the following majors:

- Economic Analysis
- Economic Foundations

The former provides deep learning in the principle areas of economics. The second major provides breadth by covering a wide range of fields.

In addition, you may wish to consider completing the Finance major or one major from another field of study, e.g. Accounting or Computing.

Career opportunities

- Banking industry
- Consulting firms
- Economic research
- Insurance
- Market forecasting
- Stockbroking

Professional recognition

Students can apply to become special members of the Economics Society of Australia.

Students completing a Bachelor of Economics with a Finance major may seek membership of the Australian Institute of Banking and Finance.

Entry requirements

Standard university entry requirements plus a recognised pre-tertiary or higher level mathematics subject. Contact enquiries@business.utas.edu.au if you do not have this prerequisite.

▼ Bachelor of International Logistics (Freight Forwarding)

Duration	Three years. Up to seven if studying by distance
Entry	February and July
Location	Launceston (AMC), Distance
Course code	23G1
CRICOS Code	075623D
Indicative ATAR	65



This exciting course has been developed with considerable input from the Australian Federation of International Forwarders to ensure it meets the needs of the industry.

It provides you with knowledge of both the international logistics and freight forwarding industries.

By studying the range of units offered in this degree, you will learn to identify problems and provide solutions for industry in a range of relevant fields, such as customs broking, cargo regulatory systems, freight forwarding, logistics management and global procurement.

This applied learning style is essential for a sound understanding of issues that are faced by such specialised industries.

The course is available by both on campus and distance study modes.

Career opportunities

- Export-import businesses
- Customs broking
- Global transport
- International freight forwarding
- International logistics

Entry requirements

Standard university entry requirements.

Successful completion of General Mathematics and a science subject is recommended.

Alternative entry is available for applicants with a minimum of 2 years' appropriate work experience.

Double or Combined Degrees

A Bachelor of Business can be combined with bachelor degrees in Arts, Economics, ICT, Laws or Science.

A Bachelor of Economics can be combined with bachelor degrees in Arts, Business, ICT, Laws or Science.

If you are completing a bachelor degree in maritime and logistics management, you may be eligible for credit into the Bachelor of Applied Science (Maritime Technology Management) allowing you to complete the second degree in a shorter time-frame.

Other Related Undergraduate Degrees

If you are interested in studying business, you may also be interested in looking at the following degrees:

- Bachelor of Applied Science (Maritime Technology Management) — see the Maritime Studies chapter
- Bachelor of Applied Science (Agriculture and Business) — see the Agriculture and Environmental Science chapter.

For a full course list please see tables on **pages 147–152** or visit **utas.edu.au/courses**.

Postgraduate courses

▼ Master of Business Administration

Duration	One and a half years
Entry	February and July
Location	Hobart, Distance
Course code	C7Z
CRICOS Code	039755B

Become part of a community of global leaders with this MBA which will equip you with the knowledge and understanding of key business operations and current trends in organisations.

Career opportunities

A range of high level leadership roles within private, public, and community sector organisations.

Entry requirements

A recognised undergraduate degree or equivalent; and three years' relevant work experience

OR

Graduate Certificate of Management or Graduate Diploma of Business Administration from the University of Tasmania or an equivalent award.

IELTS of at least 6.5 with no band less than 6.0.

▼ Master of Business Administration (Specialisation)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	37B
CRICOS Code	048898A

The overarching purpose of the Master of Business Administration (Specialisation) or MBA(S) is to develop graduates who have the capacity to become professional managers and leaders in the following specialised fields, which you can choose to specialise in:

- Business Research
- Corporate Governance
- Finance
- Human Resource Management
- Information Systems
- International Business
- Lean Management Systems
- Marketing
- Participatory development
- Professional Accounting
- Regional Innovation

Entry requirements

A recognised undergraduate degree or equivalent

OR

Graduate Certificate of Management or Graduate Diploma of Business Administration from the University of Tasmania or an equivalent award.

IELTS of at least 6.5 with no band less than 6.0.

A full curriculum vitae is essential and an interview may be required.

▼ Master of Business Administration (Advanced) (Maritime and Logistics Management)

Duration	Two years. Up to 5 years if studying by distance.
Entry	February and July
Location	Launceston (AMC), Distance
Course code	27C
CRICOS Code	081320B

The MBA (Adv)(MLM) is part of a nested program of Maritime and Logistics Management courses designed for professionals seeking a competitive edge within the maritime and logistics industries or those who wish to develop a career in an industry with a strong international business focus.

Professionals working for authorities involved in the business activities of port and terminal management will also find the courses useful. These courses assist current and future managers in these sectors to meet the challenges facing the industry.

When applying you will have the choice of applying for entry into the postgraduate programs at various levels of study — Graduate Certificate, Graduate Diploma or Master of Business Administration (MBA) or MBA (Advanced). As our postgraduate courses form a series of nested programs, full credit is granted to students who progress from one level of study to the next. The MBA (Adv) (MLM) is the longest of the courses at two years.

Students successfully completing either the MBA(Adv)(MLM) or 1.5 year MBA(MLM) may pursue a program of research by applying for a Master of Philosophy, leading to a Doctor of Philosophy.

Entry requirements

A recognised undergraduate degree or equivalent

AND

Two years' relevant work experience for direct entry into the MBA program

OR

A professional qualification such as a Certificate of Competency as a Master Class 1 (unlimited) or Chief Engineer

AND

Two years' work experience

Alternative entry

If a first degree or professional qualification is not held, candidates may apply to the Department of Maritime and Logistics Management for consideration as a candidate. AMC will consider applications from prospective students who do not hold an appropriate degree or professional qualification. Applicants will be assessed their work experience, current managerial experience, and other relevant qualifications. A GMAT score may be required.

▼ Master of International Business

Duration	One and a half years
Entry	February and July
Location	Hobart
Course code	C7X
CRICOS Code	051774J

International business is a highly specialised area in which to practise and this degree equips you with the skills to work as a manager in this high paced environment. Emphasis is placed on best practice approaches.

Classes are highly interactive with case studies from local and international firms forming the basis of student discussions and assessment.

Entry requirements

A recognised undergraduate degree or equivalent.

▼ Master of Marketing Management

Duration	One and a half years
Entry	February
Location	Hobart
Course code	37C
CRICOS Code	085335G

The Master of Marketing Management will prepare you to operate and manage in rapidly changing business-to-business and industrial markets.

More than ever, organisations require leaders who understand the strategic marketing issues that directly impact corporate performance.

The majority of this course's units involve web-supported teaching and learning, lectures and tutorials, combined with intensive face-to-face workshops or seminars as appropriate.

Career opportunities

Options include careers in marketing, advertising, market research and public relations.

Entry requirements

A recognised undergraduate degree or equivalent.

▼ Master of Professional Accounting (Specialisation)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	C7D
CRICOS Code	048894E

If you're interested in gaining professional recognition to work as an accountant but haven't studied accounting, this course is for you. Unlike the 1.5 year MPA, the 2 year MPAS provides students the opportunity to combine core studies in accounting with another field of study. Specialisations include:

- Business Management
- Corporate Governance
- Human Resource Management
- Information Systems
- International Business
- Marketing

Professional Recognition

After completing this degree you will be eligible for associate membership with CPA Australia and ICAA. If you intend practising abroad you should enquire about eligibility in your desired jurisdiction.

Entry requirements

A recognised undergraduate degree or masters in a non-accounting degree (international applications are subject to assessment for equivalency)

OR

A 4-unit graduate certificate or an equivalent qualification from an approved tertiary institution

OR

Approved relevant work experience or other approved special circumstances (e.g. post-secondary qualifications)

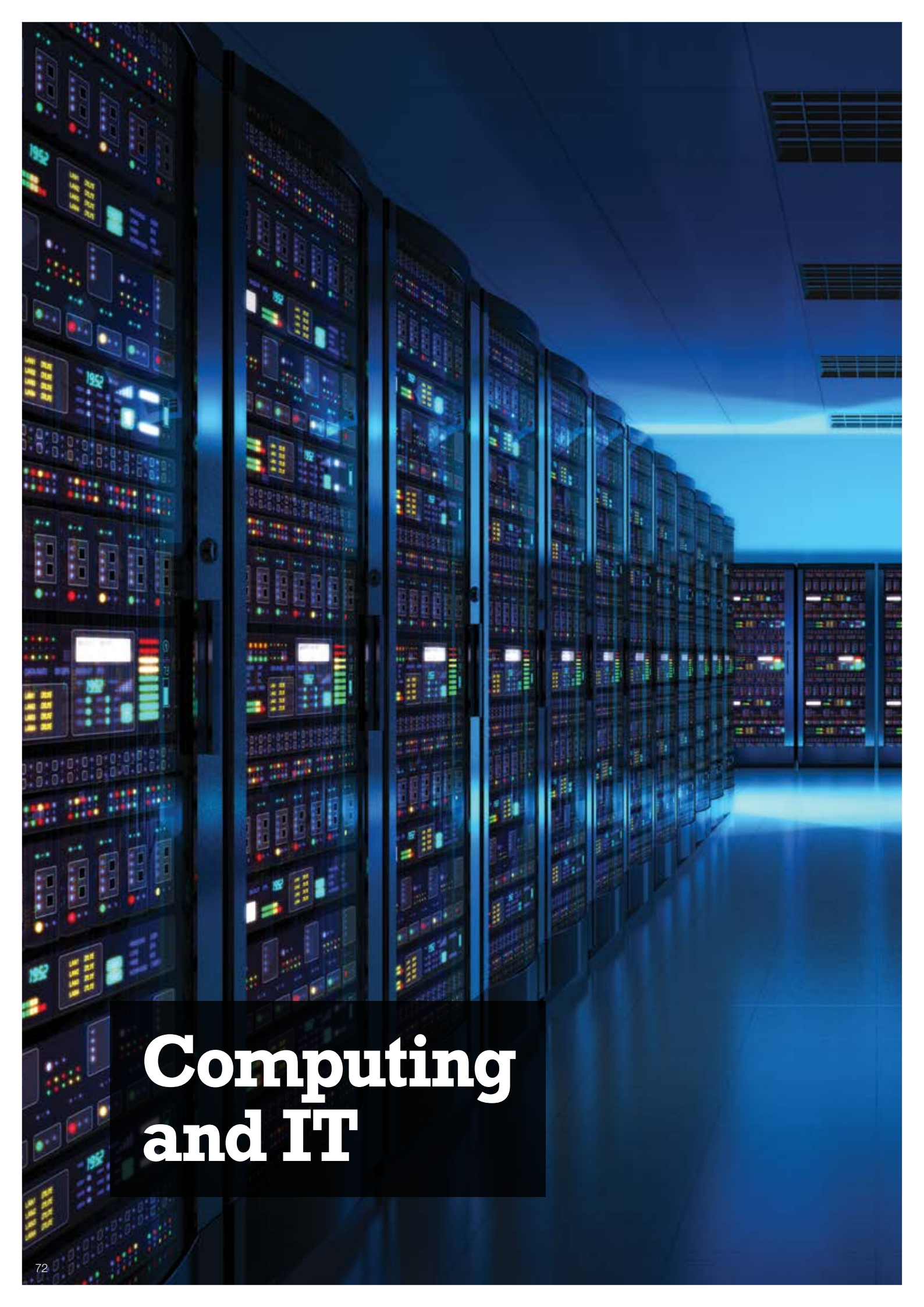
Other Related Postgraduate Degrees

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

Sample Master of Professional Accounting (Specialisation) Course Structure

Specialisation — Human Resource Management

	MPA 12 units		SPECIALISATION Human Resource Management 4 units
YEAR 1			
Sem 1	Introduction to Financial Management Business Law	The Accounting Framework	Corporate Sustainability & the Triple Bottom Line
Sem 2	Financial & Corporate Accounting Economics for Managers	Management & Cost Accounting	Organisational Behaviour
YEAR 2			
Sem 1	Organisational Risk, Technology & AIS Australian Tax Law	Data and Business Decision Making	Leadership and Change Management
Sem 2	Accounting Theory Audit & Assurance	Corporate Law & Regulation	Managing People & the Employment Relationship



Computing and IT

Computing and IT

Computing and Information Technology (IT) play an increasingly vital role in almost all aspects of our world.

Computing and information technology (IT) impacts occupations and contributes to productivity gains, innovation and job growth across all industries. Around the world, employers are looking for professionals with knowledge and skills in this area. They need people who are capable of understanding and improving organisational processes through the use of computing and IT.

Our degrees offer core knowledge and specialist units across the spectrum of computing and IT. They range from non-technical areas such as the nature of information and the organisational need for Information and Communication Technology (ICT), to the hardware, software, network and creative technologies used to satisfy these needs, to the communication, design, development and management skills needed to create and implement ICT components.

Our computing and IT degrees give you the skills and knowledge to grow into leadership positions, the drive to act on entrepreneurial ambition and the confidence to pursue research and graduate studies.

Inter-disciplinary research in computing and IT is a strength of the University. Our three strategic research themes are Smart Systems, Services and Applications; Computational Data Modelling and Analysis; and Information, Visualisation and Social Media. Our researchers conduct their research with a wide range of internal and external research organisations.

▼ **We offer core knowledge and specialist units across the complete spectrum of ICT.**

Studying Computing and IT

Who Studies Computing and Information Technology?

People with inquiring minds who love solving problems, creating solutions and refining their work. Computing and IT is ideal if you enjoy maths and science as the discipline requires abstraction as well as computational, creative and critical thinking.

A career in computing and IT gives you the ability to combine creativity and logic. You'll learn to analyse problems, identify and define computing and IT requirements, and apply your technical skills and your knowledge of these principles to develop multiple possible solutions and evaluate the strengths and weaknesses of those solutions.

This is a career that rewards professionals who can take initiative and work independently. It's an area that rewards multi-tasking. It can work for people who like to lead as well as those who like operating in a team environment.

Career opportunities with a Computing and Information Technology degree

Graduates qualify for technical positions but often move into management roles within companies, organisations or consultancies across many industries.

Students will be qualified for a broad range of graduate positions, such as:

- Business process modeller
- Data modeller/analyst
- Project support officer
- Software designer
- Software developer, including:
Application developer, Web developer,
Games developer and VR/AR
developer
- Systems analyst

After gaining several years of experience, graduates can progress to leadership roles, such as:

- Benefits analyst
- Business analyst
- Capacity planner/analyst
- Database administrator
- Network analyst/manager
- Project manager
- Security specialist
- Systems administrator
- Testing manager

▼ **A distinctive, energising and rewarding university experience for all students.**

Your study experience

Additional learning resources

The University provides extensive teaching laboratory facilities that provide valuable hands-on experience in all technology specialisations. Students also experience the latest in technology development and application through challenging team projects.

Industry experience

The University has active relationships with the Tasmanian business community. In the final year of the Bachelor of Information and Communication Technology, students obtain practical work experience during a full-year project in which you design, engineer and implement ICT solutions to real industry problems.

Students work in a team with an industry client to supply a product for the client.

Capstone ICT Projects

All students undertake a full-year project and gain the experience of developing a medium-scale computing project in a small team. All projects are real, with an external client or producer. All aspects of the development process are considered:

- problem specification
- requirement extraction or concept formulation
- system design
- implementation
- integration
- testing and documentation

Students experience working in a team and deal with the associated problems of communication and team management.

Projects fall into one of four categories: business solution; market potential; social impact; or games and creative technology.

Human Interface Technology Laboratory Australia (HITLab AU)

HITLab AU is a research and teaching facility focused on building advanced human-computer interface technology.

It allows us to explore new forms of interface technology made possible by infrastructures such as the NBN and Ubiquitous Computing to realise interfaces in the wild.

Special facilities in the HITLab AU include Surface Research equipment in particular the VisionSpace, a three-screen immersive stereo projection system enabling groups of people to view and interact intuitively with virtual 3D data, and an Access Grid, a high-end, collaborative communication facility including HD videoconferencing capabilities.

Students have opportunities to undertake elective units or develop projects using HITLab AU.

UTAS Technology and Computing Society

The Society was founded for students in the technology fields, as well as students who are interested in technology and how it affects them. The Society is involved in hosting tabletop days, LANs, Workshop and Tech talks, and barbeques, as well as helping students obtain funding towards traveling to tech events all over the globe.

Undergraduate courses

▼ Bachelor of Information and Communication Technology (ICT)

Duration	Three years
Entry	February and July
Location	Hobart, Launceston*
Course code	73T
CRICOS Code	079196G
Indicative ATAR	65

In this Bachelor degree you will learn skills across the complete spectrum of ICT. You'll develop knowledge and capabilities in communication, design, development and management and learn what it takes to implement and integrate ICT within an organisation.

In your third year of study you undertake an ICT project where you work as part of a team to manage the development of an actual system. This will be a fully commercialised process, dealing with management, stakeholders, planning, development and execution. The project gives you real world experience before you even start your career.

Areas of study

- Games and Creative Technology (software design and development)
- Software Development (system design development, integration and administration)

High-achieving students may take research electives in each year including current ICT research within the school as well as a work-based unit.

Professional recognition

The recently redesigned BICT degree has been developed in consultation with the Australian Computer Society (ACS) to be responsive to the current and future needs of the ICT industry.

Professional level accreditation is currently being sought and it is anticipated that all graduates of the BICT will be eligible for membership of the ACS.

Entry requirements

Standard university entry requirements.

Double or Combined Degrees

You can combine your Bachelor of Information and Communication Technology degree with a bachelor degree in Arts, Business, Economics, Law, Science, or Visual Communications.

Other Related Undergraduate Degrees

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

* Limited unit offering

Postgraduate courses

▼ Master of Information Technology and Systems (MITS)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7I
CRICOS Code	079193M

Irrespective of whether you have a background in ICT or not, if you've got a passion for information technology (IT) and information systems (IS) then this course is for you.

On completing the Master of Information Technology and Systems you will be equipped with the knowledge and skills to deal with advanced IT and IS issues.

Two streams, coursework and research, are offered which are chosen after you have completed four ICT postgraduate units.

Professional recognition

The recently redesigned MITS degree has been developed in consultation with the Australian Computer Society (ACS) to be responsive to the current and future needs of the ICT industry. Professional level accreditation is currently being sought and it is anticipated that all graduates of the MITS will be eligible for membership of the ACS.

Entry requirements

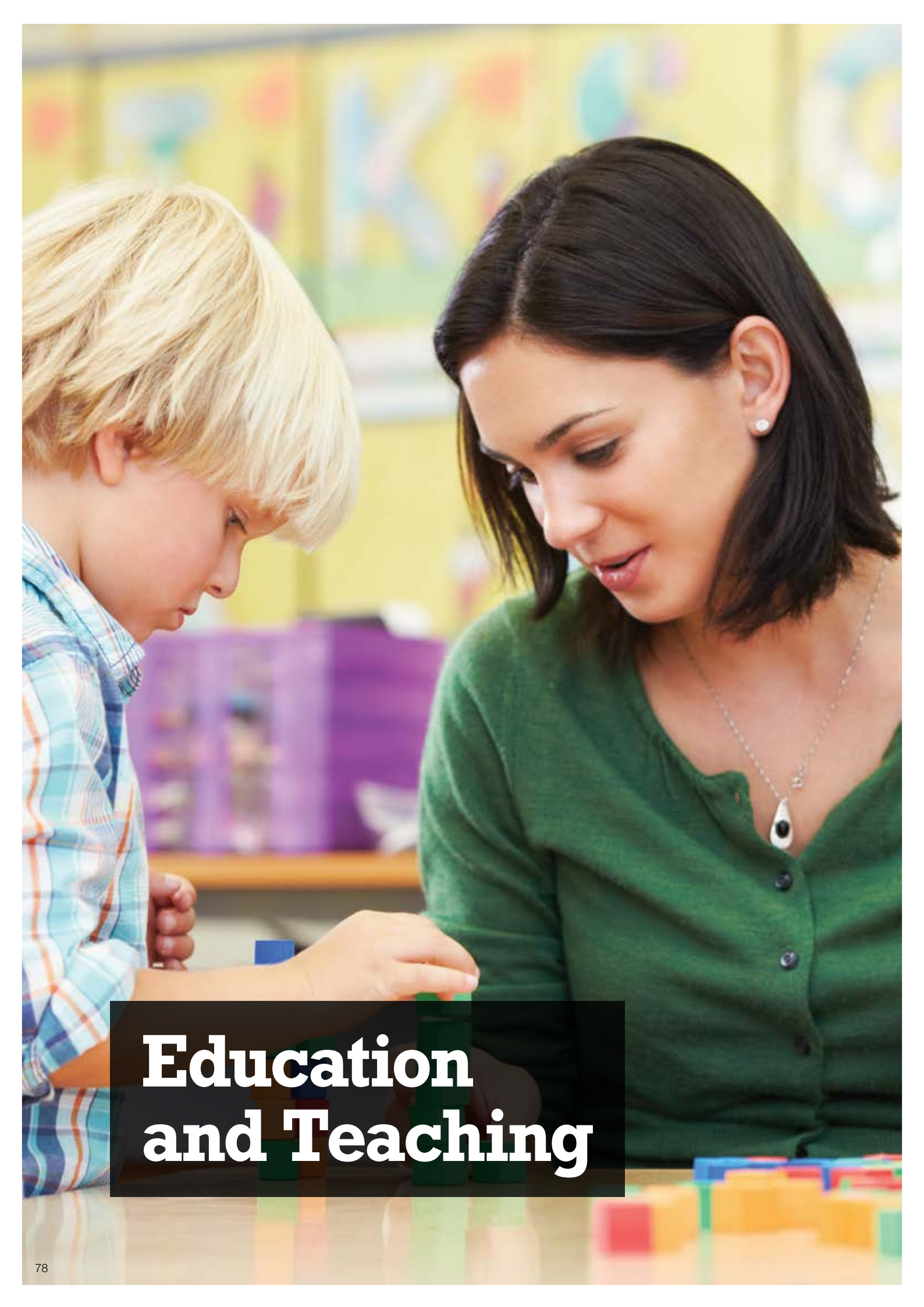
A recognised undergraduate degree or equivalent.

Credit transfer or articulation

Students who hold a Bachelor degree in an ICT-related area may qualify for credit of up to four units.

Other Related Postgraduate Degrees

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

A woman with dark hair and a green shirt is interacting with a young child with blonde hair in a classroom setting. They are both looking down at a table covered with colorful blocks. The woman is smiling and appears to be guiding the child. The background is a blurred classroom with colorful decorations.

Education and Teaching

Education and Teaching

The University is committed to creating and passing on the knowledge that leads to discovery, innovation and progress.

Teaching plays a key role in this ambition by improving the educational outcomes and life aspirations of students.

Education and schooling are an important part of today's society such that the role and commitment of teachers has never been more important. Teaching itself is changing. Flexible, technology-led study options also attract a different teaching style and range of teacher skills.

To be a registered teacher in Australia, you need to have passed a teacher qualification course, and will need different qualifications for early childhood, primary, secondary and adult/applied learning environments. The University of Tasmania provides pre-service degree studies for aspiring teachers and has over 100 years' experience in teacher training.

Our focus on face-to-face teacher preparation (undergraduate) occurs in Launceston with the Bachelor of Education (Early Childhood, Health and Physical Education or Primary), and (postgraduate) in Hobart (Master of Teaching).

We also offer our coursework postgraduate degree in Launceston (Master of Education — TESOL).

Teacher education and the professional development of teachers are a strong focus for research at our university. We also have a history of achieving excellence in the research area of STEM (Science, Technology, Engineering and Mathematics) which are key learning areas of focus in education.

▼ **Our University provides both pre-service and in-service degree studies for teachers.**

Studying Education and Teaching

Who Studies Education and Teaching?

Education and teaching students tend to have wide interests and very personal passions.

The common link they all share is an underlying desire to be a positive influence on their students' lives and their social, emotional, physical and cognitive development. Very often inquisitive and attentive, many of our graduates are attracted to teaching's collaborative and collegiate environment and the central role teachers play in a community.

You will need a reasoned and critical perspective. You also need to be personally resilient and committed to your own lifelong learning and education. During the course, you'll develop the ability to focus on planning and establishing a positive and supportive learning environment. You'll also learn effective communication, student learning, motivation and engagement.

Career opportunities with a teaching degree

Our wide range of education and teaching degrees provide a broad spread of experiences and workplace competencies.

Specialist studies can focus your career even more. A few career possibilities include:

- Childcare centre management
- Communications
- Early childhood teacher
- Health and physical education teacher (primary or secondary)
- Industry training roles
- Online teaching
- Personal trainer
- Primary teacher (Public or Private)
- Secondary teacher (Public or Private)
- Sport and recreation leadership
- TAFE/Applied learning teacher
- Teacher's aide
- Training roles (e.g. defence, emergency and law enforcement)
- Wilderness adventure leader

Professional recognition

Our education degrees are internationally recognised for their professional training. Graduates will be qualified to teach in public and private sector schools in all states and territories of Australia, being eligible for teacher registration with state teacher registration boards. In Tasmania, this will be with the Tasmanian Teachers Registration Board.

▼ **The role and commitment of teachers has never been more important.**

Your study experience

The learning experience at the University of Tasmania goes beyond lectures and tutorials.

Study Abroad

Education has a specific international exchange program set up with Malmo University, Stockholm University, University College Copenhagen, Butler University, Memorial University Newfoundland and the German Sports University. These partner institutes are used for Education exchange because their curriculum and teaching is closely aligned with our university, and therefore has credit transfer arrangements available for students.

Professional Experience placements

All students who enrol in a Bachelor of Education degree must undertake professional experience placements.

You'll need to do these in a variety of educational settings, full-time, for a number of weeks each year (up to 90 days in total depending on the degree).

These placements are designed to enable pre-service teachers to become familiar with the child care and education context.

Your placement will involve active observation, participation and engagement in teaching and learning activities. You will be supervised and managed by a tertiary qualified educator (your colleague teacher).

You'll be assessed against focus areas within the Australian Professional Standards for Teachers.

This will ensure you are better able to put theory into practice.

Many students go onto further employment with their placement providers.

Course information

Teaching

Teaching degrees at the University of Tasmania cover both school-based teaching and other teaching careers.

If you have a passion or desire to teach, you'll find a course to help you qualify.

Our students range from school leavers to students of a mature age looking for a career change. Whatever your background we can help you obtain the only formal qualification for teachers.

Some courses are 'pre-service'. Pre-service simply means you've not taught or been employed as a teacher.

In-service means you have taught and are currently employed as a teacher.

See **page 83** for our Bachelor of Education (Early Childhood) and Bachelor of Education (Primary). For the Bachelor of Education (Health and Physical Education) please see utas.edu.au/courses.

For information on our Master of Teaching see **page 84**.

TESOL

Designed for education professionals, Teaching English to Speakers of Other Languages (TESOL) is a specialisation that can be taken through our Graduate Certificate and Master of Education degrees.

You will be provided with comprehensive study on the most important matters concerning English language learning and teaching.

See **page 84** for more information on Master of Education (TESOL).

Undergraduate courses

▼ Bachelor of Education (Early Childhood)

Duration	Four years
Entry	February and July
Location	Launceston
Course code	43A
CRICOS Code	070687F
Indicative ATAR	65

This course will give you the skills and confidence to teach children from birth to age 8. It focuses on teaching in professional settings like Early Childhood Centres and Kindergartens.

You'll learn about the technical and cultural aspects of teaching. You'll study the various subjects you'll be teaching, including English, Mathematics, Art and Music. The course also provides insights into childhood development and learning.

You will also be required to undertake a number of professional experience placements totalling 90 days.

The course is for pre-service and in-service early childhood professionals and is recognised in all Australian states and territories. Note that early childhood teacher registration may differ outside Tasmania, including abroad.

Entry requirements

Standard university entry requirements.

IELTS of at least 7.5 with no band less than 7.0 and Listening and Speaking 8.0.

▼ Bachelor of Education (Primary)

Duration	Four years
Entry	February and July
Location	Launceston
Course code	43B
CRICOS Code	070689D
Indicative ATAR	65

This pre-service program prepares you for roles in Primary teaching, from Prep to Year 6.

During the program, you will study core theoretical aspects and evidence-based practice. You will also investigate childhood development and behaviour, and study the various subjects you'll be teaching.

You'll focus on literacy learning, including speaking, listening, reading and writing, while also learning other subjects, such as Mathematics, Science, Art and Music, and Health and Physical Education.

You will also be required to undertake a number of Professional Experience placements totalling 80 days.

The course content and practical experience provides theoretical and practical opportunities to practice what is learned in a safe and supportive environment.

Entry requirements

Standard university entry requirements.

IELTS of at least 7.5 with no band less than 7.0 and Listening and Speaking 8.0.

Other Related Undergraduate Degrees

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of Education (TESOL)

Duration	One and a half years
Entry	February and July
Location	Launceston, Distance
Course code	E7I
CRICOS Code	081475E

This postgraduate coursework program specialising in the study of Teaching English to Speakers of Other Languages (TESOL) is available to graduates of any discipline interested in obtaining specialised academic knowledge of TESOL.

Additional information

Credit is granted for the Cambridge Certificate of English Language Teaching to Adults (CELTA).

Entry requirements

This course is available to graduates of Education, graduates in other disciplines with a Diploma of Education, or Bachelor of Teaching or to those holding equivalent qualifications, or to graduates in other disciplines with extensive, relevant work experience.

IELTS of at least 7.0 with no band less than 6.5.

▼ Master of Teaching

Duration	Two years
Entry	February and July
Location	Hobart
Course code	E7G
CRICOS Code	070429B

If you already hold a bachelors degree or equivalent and would like to become a teacher, the Master of Teaching will enable you to complete a teaching qualification in two years.

You can choose to specialise in either Primary (Australian Grades Prep to Grade 6) or Secondary teaching (Grades 7 to 12).

If taking the Secondary specialisation, you will choose two teaching areas based on your undergraduate area of study:

- The Arts
- English literacy
- General sciences
- Language Other Than English
- Mathematics
- Social science
- Religious education

You will also be required to undertake a number of Professional Experience placements totalling 60 days. The course content and practical experience provides theoretical and practical opportunities to practice what is learned in a safe and supportive environment.

Entry requirements

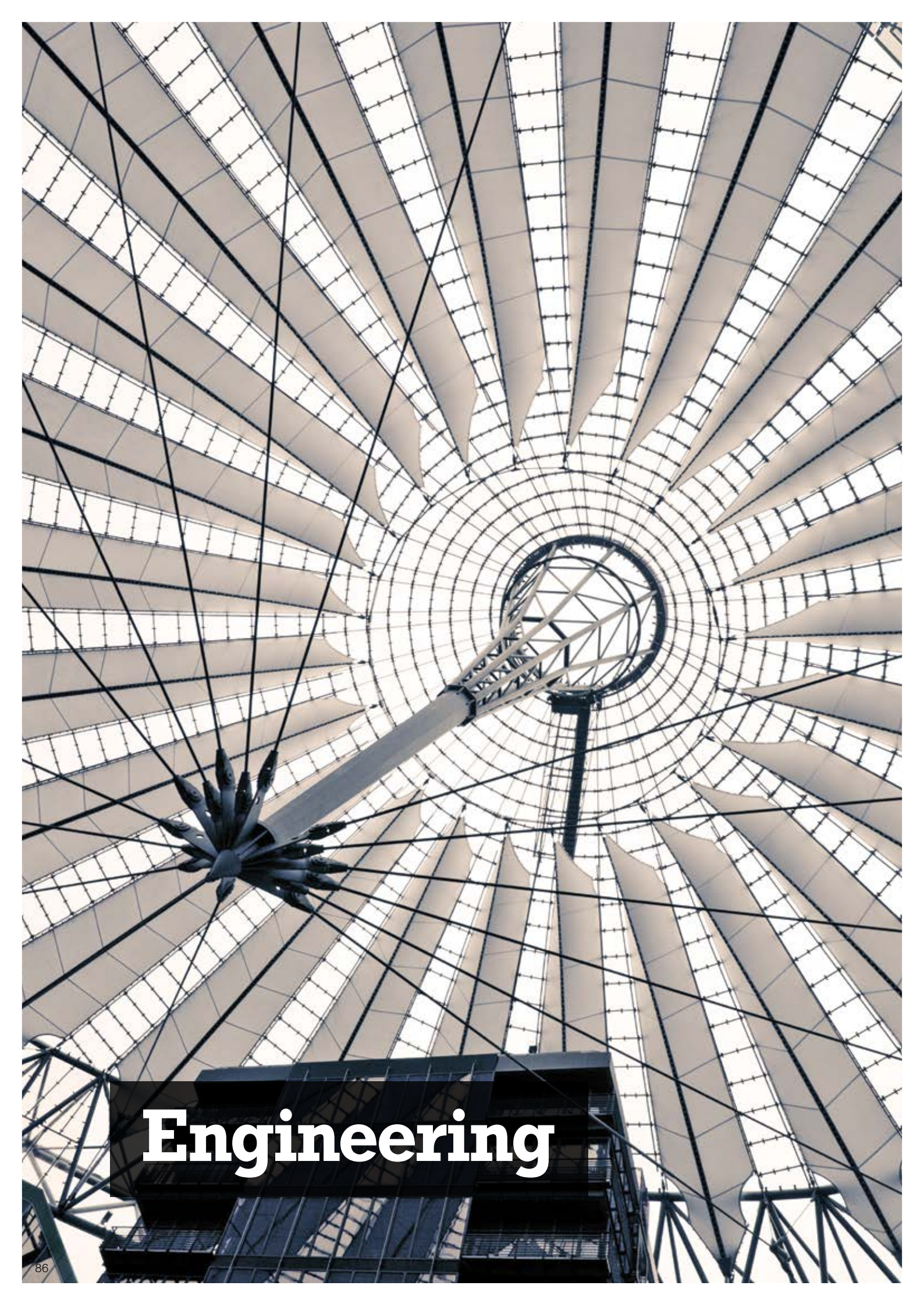
Bachelor degree in a non-education discipline. Additional entry requirements apply for each specialisation.

IELTS of at least 7.5 with no band less than 7.0 and Listening and Speaking 8.0.

Other Related Postgraduate Degrees

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.





Engineering

Engineering

From the development of the hydroelectricity industry to today's manufacturing, maritime and agricultural industries, our engineers have always played a pivotal role in finding solutions to real-life global problems.

An engineering degree offers one of the most interesting, diverse and mobile careers.

Engineers balance creative design, analysis and applied science. They design, build and manage structures, machines, manufacturing processes and infrastructure. They contribute to a cleaner environment and safer oceans through the design of engineering systems.

They are involved in key decisions of almost every industry, including the construction of buildings, roads and major infrastructure projects, product development, electronics and transport. They adopt current thinking, science and technology to solve problems in almost every facet of our lives.

Inter-disciplinary research, a commitment to a breadth of knowledge and hands-on training, are just some of the strengths of the University. Our research strengths include optimisation of alternative energy systems, such as hydro and wind-power systems, high-speed catamarans, and biomedical implants. We have strong industry partnerships, especially in renewable energy and power systems, and industrial control systems.

▼ **A distinctive, energising and rewarding university experience and career.**

Studying Engineering

Who Studies Engineering?

People with inquiring minds who love to problem-solve, create, refine and build.

Engineers are collaborators. They work with designers, scientists, technicians and other specialists with the drive of discovery, the will to meet a challenge and the desire to create something new.

If you enjoy maths and science, an engineering degree is one of the most sought after degrees at university.

Engineering requires more commitment in class, lab and study time than most university degrees, but it provides rewards that go way beyond the classroom. Group work, projects and competitions provide extra challenges and opportunities to work alongside world-class academics and researchers.

You'll be encouraged to find opportunities for international exchange.

You will also be required to complete a prescribed amount of industrial experience work during vacations.

Career opportunities with engineering degrees

Graduates qualify for technical positions but often move into management roles within companies, organisations or consultancies across many industries:

- Aerospace
- Biomedical industry
- Building and construction
- Civil and environmental engineering
- Computer systems
- Defence
- Government agencies
- Health industry
- Industrial electronics
- International development
- Manufacturing
- Mining and exploration
- Petrochemical
- Power generation and transmission
- Property development
- Robotics and automation
- Software engineering
- Telecommunications
- Transport

Maritime engineering degrees lead to highly specific employment in the maritime industry including:

- Vessel design
- Vessel construction supervision
- Vessel and marine surveying
- Coastal and subsea engineering
- Offshore installation design and management
- Alternative energy concept design
- Mechanical Engineering

All our degrees can also provide the opportunity to progress to further study including masters and PhDs.

Industry experience

Undergraduate engineering students are required to complete 12 weeks of relevant industrial experience before being eligible to graduate.

Most commonly undergraduate students complete this in the Australian summer between their 3rd and 4th years.

Your Study Experience

Hands-on learning

The University offers a hands-on approach to learning, challenging you to apply theory in a range of practical assessments.

If you're studying maritime engineering, you'll enjoy a number of exciting practical projects, from designing and building pasta bridges that can withstand weights in excess of 270kg, to constructing a functioning model submarine and navigating the Tasmanian coast aboard our training vessel, Bluefin.

The Formula SAE Competition is a national competition between universities. A team of students conceive, design, fabricate and run a small, formula-style racing car in an international SAE competition.

The competition is particularly relevant for those who wish to pursue a mechatronic or mechanical engineering specialisation, but the team needs and attracts cross-discipline interest.

STEM Student Ambassadors

Undergraduate engineering students can serve as STEM (Science, Technology, Engineering and Mathematics) Student Ambassadors.

The goals of the program are to provide exceptional STEM education, outreach, and community engagement in schools and elsewhere. The program provides opportunities and experiences that will lead to personal and professional growth for participants, particularly improving public speaking skills.

AMC facilities

During their studies, maritime engineering students have access to AMC's outstanding suite of world-class maritime engineering facilities at its Newnham and Beauty Point campuses.

Underpinning research into the broad range of factors that affect port and vessel management are a suite of simulation facilities, training vessels and engineering workshops, including:

- Marine Engine Laboratory
- Model Test Basin & Towing Tank
- Cavitation Research Laboratory
- Circulating Water Channel
- Diesel Spray Test Facility
- Computer Cluster
- Centre for Maritime Simulations
- Bluefin training vessel

SET facilities

The Central Science Laboratory at our University provides engineering students studying through the SET faculty at the Sandy Bay campus with high-level electronic and mechanical engineering workshop support, ranging from design, programming and construction of unique analytical equipment through to general electronic and mechanical repairs.

A series of dedicated labs and workshops provide our students with the latest technology and testing environments for their specialist discipline. These include:

- Aerodynamics Laboratory
- Applied Mechanics Laboratory
- Biomedical Laboratory
- Communications Engineering Laboratory
- Concrete and Structural Testing Laboratory
- Control Systems Laboratory
- Dynamics Laboratory
- Electronics Laboratory
- Geomechanics Laboratory
- Hydrodynamics Laboratory
- Mechanical workshop
- Mechatronics Laboratory
- Power Laboratory
- Renewable Energy Laboratory
- Stress Analysis Laboratory
- Thermodynamics Laboratory

Scholarships

The National Centre for Maritime Engineering and Hydrodynamics (NCMEH), Australia's premier maritime engineering facility at AMC offers scholarships for women studying Marine and Offshore Systems, Ocean Engineering, Naval Architecture and Maritime Design.

See: utas.edu.au/students/international/scholarships/international-women-in-maritime-engineering-scholarship.

Details for other international scholarships offered by our university are available at utas.edu.au/international and within the online application.

Course information

General Engineering

The Bachelor of Engineering (Honours) is taught by the Science, Engineering and Technology Faculty (SET).

When studying this degree you can choose to specialise in one of nine areas. These are:

- Biomedical Engineering
- Civil Engineering
- Civil and Environmental Engineering
- Computer Systems Engineering
- Electrical Power Engineering
- Electronics and Communication Engineering
- Geotechnical Engineering
- Mechanical Engineering
- Mechatronics Engineering

All undergraduate students studying a B.Eng (Hons) start their degree with a common first three semesters.

These include foundation studies in civil, mechanical and electrical engineering.

You then select to study one of the nine engineering specialisations.

Double or Combined degrees

SET offers a double degree, the Bachelor of Engineering (Honours) and Bachelor of Science double degree.

Biomedical Engineering

Biomedical Engineering combines the principles of engineering, medicine, biology and anatomy to conceive, analyse, model, design, build and administer biomedical devices that support and enhance human life.

Civil Engineering

Civil Engineers study the design, construction, and maintenance of the physical and naturally built environment. This includes infrastructure projects including roads, bridges, tunnels, buildings and dams.

Computer Systems Engineering

This field combines the principles of engineering with the fast growing field of computer science. Graduates design not only the computer itself, but its use in controlling aircraft and ship navigation, the manufacture of steel, chemicals and drugs, high-speed trains, and many other systems and devices.

Electrical Power Engineering

These engineering studies involve the generation, transmission, distribution and utilisation of electrical energy. Power engineers are concerned with how electricity is used in the steel, mining, transportation, chemical, marine and off-shore industries. Such professionals drive forward the use of sustainable and renewable energy systems.

Electronics and Communication Engineering

One of today's fastest-growing sectors involving cell-net communications, fibre optic lines, satellite TV and video. The safe navigation of ships and aircraft by radar and GPS, the fast signalling of road and rail vehicles, the bionic ear, pacemakers and life support systems are all made possible by electronic and communication engineers.

Civil and Environmental Engineering

Civil and Environmental Engineers understand and manage the relationship between the built and natural environments. They use multiple disciplines to create urban environments and engineering solutions that are harmonious with the natural environment. They address issues like accessible clean water, sustainable wastewater solutions, removing pollution, promoting sustainable development, and managing the impact of natural hazards such as floods on the built environment.

Geotechnical Engineering

This specialist discipline of engineering deals with how earth materials can be used for engineering purposes such as civil infrastructure or mining. This includes the study of different soil types, rocks on the surface, and natural resources or precious minerals underground.

Mechanical Engineering

This branch of engineering deals with mechanical systems. It combines the principles of engineering, materials science and physics to contribute to the design, analysis, manufacture, production, maintenance and operation of all types of machinery.

Mechatronics Engineering

Mechatronics engineers design products with built-in intelligence such as active car suspensions, flight control systems, robotic vehicles, advanced medical and surgical techniques and factory automation. They also work in aviation, space technology, intelligent vehicles and security systems. They integrate instrumentation and sensors, intelligent systems, automatic control, actuators and robotics, and computing.

Maritime Engineering

Maritime engineering is taught by the University of Tasmania's Australian Maritime College (AMC) in Launceston.

Maritime engineering is for those people interested in designing things that go on, through or are related to water.

We offer highly specialised undergraduate maritime engineering honours degrees in one of three areas:

- Marine and Offshore Engineering
- Naval Architecture
- Ocean Engineering

Within the first year of study you will complete eight common core units.

After first year, you may break into your chosen specialisation stream consisting of compulsory and elective units for the remainder of the degree.

Our postgraduate maritime engineering programmes provide engineering graduates with in-depth exposure to a wide range of subjects relevant to the development and procurement of marine systems.

Marine and Offshore Engineering

This branch of engineering deals with the design, manufacture, deployment and commissioning of machinery and systems associated with the marine and offshore industries. It is suited to those interested in mechanical and mechanical-electrical power generation equipment and systems employed in marine and offshore operations such as propulsion, fuel, lubrication, and HVAC (heating, ventilation, and air conditioning).

Naval Architecture

Naval engineers focus on the design and construction of a range of ships, yachts, small craft, underwater vehicles and submarines. They work in the shipbuilding industry, high-speed ferry industry, marine consultancy firms and in various state transport authorities.

Ocean Engineering

This field focuses on the design, construction, installation and management of offshore, subsea and coastal structures as well as infrastructure for marine aquaculture. Ocean engineers work in offshore oil and gas engineering and design, construction, installation and operation, and may also have careers with engineering consultancy firms specialising in coastal and subsea engineering, port and harbour design, environmental marine engineering in general and marine aquaculture industries more specifically.

Undergraduate courses

▼ Bachelor of Engineering (Honours)

Duration	Four years
Entry	February; July for advanced standing only
Location	Hobart
Course code	N4F
CRICOS Code	089220G
Indicative ATAR	70*

*A higher ATAR applies to Biomedical Engineering

All engineering courses combine core and specialist knowledge to provide a sound basis in the physical sciences, mathematics and basic engineering science, as well as a huge amount of practical experience.

A major feature of the engineering course is the emphasis placed on laboratory work. Design classes provide you with opportunities to learn the techniques of developing safe and reliable designs.

You develop adaptable skills and an international outlook. You will be required to complete 12 weeks of industrial experience. In your final year, you will also get the opportunity to design and develop a prototype, from requirements and feasibility through to design and development.

Entry Requirements

Mathematics and physical sciences (physics or chemistry).

Additional information

Mid-year entry into Engineering (Honours) is normally only available to students with advanced standing.

We recommend contacting the degree co-ordinator to discuss the possibility of mid-year entry prior to submitting an application.

▼ Bachelor of Engineering (Marine and Offshore Engineering) (Honours)

Duration	Four years
Entry	February; July for advanced standing only
Location	Launceston
Course code	24C
CRICOS Code	089609J
Indicative ATAR	70

Marine and offshore engineers are responsible for the selection, deployment and commissioning of machinery, machinery systems and operational systems for merchant and naval vessels, offshore floating and fixed vessels/structures.

You can choose one of two streams:

Marine Systems

focuses on the selection, deployment and commissioning of machinery, machinery systems and operational systems designed and manufactured in support of the ship and underwater vehicle industry.

or

Offshore Systems

specialising in selection, deployment and commissioning of machinery, machinery systems and operational systems designed and manufactured in support of the offshore oil and gas industry.

This course builds on core fundamental engineering units. It specialises in mechanical and mechanical-electrical power generation, machinery and operational systems, commonly used in the marine and offshore industry.

Entry Requirements

Middle to upper level mathematics and a science subject (physics or chemistry).

Additional information

Mid-year entry into Maritime Engineering is normally only available to students with advanced standing.

▼ Bachelor of Engineering (Naval Architecture) (Honours)

Duration	Four years
Entry	February; July for advanced standing only
Location	Launceston
Course code	24A
CRICOS Code	089610E
Indicative ATAR	70

Naval architects are responsible for the design, construction and operation of offshore floating systems and vessels and the responsibility continues for the life of the vessel.

You can choose one of two streams:

Ship and Underwater Vehicles

focuses on the design and construction of ships ranging from high-speed ferries to naval frigates, as well as underwater vehicles and submarines.

or

Yacht and Small Crafts

comprises a similar set of units to the Ship and Underwater Vehicles specialisation, but focuses on the design and construction of small craft ranging from recreational craft to luxury cruisers and sailing yachts.

This course combines a core set of fundamental engineering units with a focus on marine craft design and technology.

Entry Requirements

Middle to upper level mathematics and a science subject (physics or chemistry).

Additional information

Mid-year entry into Maritime Engineering is normally only available to students with advanced standing.

▼ Bachelor Engineering (Ocean Engineering) (Honours)

Duration	Four years
Entry	February; July for advanced standing only
Location	Launceston
Course code	24B
CRICOS Code	089611D
Indicative ATAR	70

This degree prepares you for work in the design, construction, installation and management of offshore fixed, floating, subsea and coastal structures.

You can choose from one of two streams:

Marine Aquaculture

equips students with the skills needed to work in the design and construction of marine aquaculture infrastructure.

or

Ocean and Subsea Structures

focuses on the design, construction, installation and management of offshore, subsea and coastal structures.

This course integrates a core set of fundamental engineering units which focus on wave mechanics, hydrodynamics, structural mechanics and dynamics of offshore and subsea structures and coastal technologies

Entry Requirements

Middle to upper level mathematics and a science subject (physics or chemistry).

Additional information

Mid-year entry into Maritime Engineering is normally only available to students with advanced standing.

Other Related Undergraduate Degrees

If you are interested in studying Engineering, you may also be interested in looking at the following degree in our Maritime chapter:

- Bachelor of Applied Science (Marine Engineering)

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of Engineering (Maritime Design)

Duration	Two years
Entry	February and July
Location	Launceston
Course code	27B1
CRICOS Code	080512B

If you are an engineer who wants to move into the maritime engineering field or have just graduated but want to increase your knowledge of advanced engineering practice and research, this master's program is for you.

A two-year degree taking core units from both the Naval Engineering and Technology Management masters degrees combined with additional research units, this degree provides an excellent foundation for international engineers wishing to work in the Australian and international maritime industries or progressing into postgraduate studies.

International students looking to gain work experience in Australia post-study, are encouraged to apply for this program.

Professional Recognition

This degree is accredited by Engineers Australia and recognised internationally by the Washington Accord.

Entry requirements

A recognised, full four year Bachelor of Engineering degree, or equivalent.

▼ Master of Maritime Engineering (Naval Engineering)

Duration	One and a half years
Entry	February and July
Location	Launceston, Distance
Course code	J7Z1
CRICOS Code	077986E

Design and oversee the construction and repair of marine vessels, submarines and various offshore structures with this maritime engineering specialisation.

Career opportunities

- Maritime vessel design and construction (e.g. high-speed boats, leisure craft, and yachts)
- Navy
- Oil and gas, marine surveying, and consulting

Entry requirements

A recognised, full four year Bachelor of Engineering degree, or equivalent.

▼ Master of Maritime Engineering (Technology Management)

Duration	One and a half years
Entry	February and July
Location	Launceston, Distance
Course code	J7Z2
CRICOS Code	077141F

This Master of Maritime Engineering specialisation option allows you to combine maritime engineering technical knowledge with business management skills.

Career opportunities

This is an excellent degree for those with an engineering background wishing to oversee the business, logistical or management aspects of maritime engineering programmes or work at the managerial level of the industry.

Entry requirements

A recognised, full four year Bachelor of Engineering degree, or equivalent.

Other Related Postgraduate Degrees

If you are interested in studying Engineering, you may also be interested in looking at the following degree in our Architecture and Design chapter:

- Master of Architecture

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.



Law

Law

The University of Tasmania has been teaching law since 1893 and has built an enviable reputation for academic achievement and excellence in legal teaching.

Many of our graduates have become significant figures not only in the legal profession but also at the highest levels in state and federal politics and in many other areas of public life. We have a close alumni network that includes Rhodes Scholars and University medallists, eminent legal professionals, Australian state and federal politicians, international legal officers and professors of law.

A special feature of law at the University of Tasmania is that being the only university in the State, we are privileged to have tremendous support from the legal profession, judiciary and magistracy for practical skills training, for our moot program, and assisting in judging competitions and selecting teams for participation in national competitions.

It also means that when our students become involved with the presentation of legal arguments in their moots, they have the privilege of using the Supreme Court facilities.

A further difference for students choosing law with us is how we are able to offer students high levels of personal contact with staff. This includes one-on-one mentoring and support, which helps students reach their full potential. You can study a single Bachelor of Laws degree or, increasingly, law as part of a combined degree with arts, psychological science, business, economics, information and communication technology or science.

We offer a contemporary undergraduate law curriculum with a global perspective, and encourage student commitment to social justice and community service. For example, many students are involved with the community legal centres or other community organisations.

We provide a supportive, vibrant, and collegiate environment, rich in diversity, promoting a high performance culture for students and staff. Your experience with us will be enriching and memorable. We want you to graduate as a well-rounded individual with keen written and interpersonal communication skills.

Core studies

The wide range of core areas of law studied include the laws that regulate commercial matters such as contracts and corporations, laws that deal with civil wrongs (torts), legal rights in relation to property, criminal law, administrative law, international law and environmental law. Legal philosophy is also an important area of study. Just a few of the specialist elective areas range from labour law, immigration law, sports law and media law to intellectual property law and consumer protection.

Research leaders

Our University has a very active research program, as well as two dedicated research centres in the Centre for Law and Genetics and the Tasmanian Law Reform Institute.

The University of Tasmania Law Faculty is one of the highest ranked faculties in the country in terms of research publications per staff. This is reflected in the number of scholarly books and refereed journal articles produced by law staff.

The Master of Laws (LLM) and Doctor of Philosophy (PhD) are offered as research higher degrees.

▼ **We are privileged to have tremendous support from the legal profession, judiciary and magistracy.**

Studying Law

Who studies law?

Independent thinkers and high-achieving students.

Law is more than a study of rules and principles, during your degree you'll develop high-level intellectual qualities.

This includes the ability to think independently and critically, to research thoroughly, to reason logically and systematically and to communicate ideas clearly.

This ability to critically assess and evaluate information, theories and doctrines is ideal preparation for a variety of interesting and challenging careers.

The Bachelor of Laws course is the basic academic preparation for anyone wanting to enter the legal profession and other careers involving legal work. You'll develop an understanding of the role of law in society and appreciate how the law operates in many commercial, industrial and societal contexts.

While you may have fewer contact hours than a degree like Medicine, to be successful, you should commit to active learning. The more you put into your study, the more you get out of your university experience.

Career opportunities with law

A law degree is one of the most versatile university qualifications available. Graduates can seek careers as a solicitor, barrister, industry legal officer or ministerial adviser. Other options include putting your legal training to use in:

- Community legal centres
- Government legal departments
- Law reform commissions
- Consumer affairs
- Environment
- Foreign affairs
- Police
- Legal drafting
- Politics
- Banking
- Finance

Many of our graduates have also gone on to successful careers outside law.

This includes fields such as; policy writing, speech writing, media or communications, editing, public relations, politics and advocacy

By taking law as a double degree, graduates can widen their career opportunities even further, in different sectors, industries or areas of specialist interest.

Professional recognition

Our law degree meets the requirements of the accrediting body, the Tasmanian Board of Legal Education. It is formally recognised by the legal profession and relevant government accreditation bodies in most Commonwealth countries including the United Kingdom, Canada, Singapore, Malaysia, India, South Africa, New Zealand and most Pacific nations.

After graduating from the University, any law student wishing to practise in Tasmania is required to undertake a six-month Graduate Diploma of Legal Practice course.

After gaining admission and obtaining a practising certificate in Tasmania, lawyers can practise in another state of Australia without having to obtain a practising certificate in the latter jurisdiction.

▼ **Many students are involved with the community legal centres or other community organisations.**

Your study experience

The learning experience at our University goes beyond lectures and tutorials.

Guest lecturers give you a chance to learn from working professionals who will share their experience, for example, of the Australian legal system, immigration law, human rights, judges and juries or legal problem-solving.

Our Summer and Winter School program attracts prominent scholars as visiting lecturers.

We will encourage you to be involved in the community. This experience adds context to your course work. This can include time with community legal centres, with the Student Legal Service, and by undertaking the Mental Health Tribunal Advocacy Training.

The University enjoys tremendous support from the Tasmanian legal profession, judiciary and magistracy for practical skills training, especially for our moot program. Students are required to enrol, attend and participate in one moot and satisfactory performance in the moot is a prerequisite to obtaining the degree. The Law School also has a moot court. This gives you the chance to develop advocacy skills in a real world environment. In some instances, when you present your legal argument in your moot, you may have the privilege of using the Supreme Court facilities.

The Tasmania University Law Society (TULS)

TULS is the representative society for law students and caters for both academic and social aspects of the student experience. The legal profession communicates with students through TULS.

TULS organises various events, competitions and activities throughout the year. This includes an Annual Law Ball and cocktail party, inter-faculty sporting matches and the production of an annual magazine. First-year students are also invited to an Introduction to Law Camp. Keenly fought competitions are held in client interview, witness examination, negotiation and mooting. TULS also hold a Careers Fair for graduates. This will match employers and opportunities to your interests and skills.

International Student Support Program

The Law Faculty offers a unique, award winning support program for international students. The International Students Support Program (ISSP) helps you achieve your full academic potential and to ensure that your time studying in Australia is memorable. A staff coordinator and a team of dedicated tutors provide you with mentoring and supervision, a bridging program for new students, extra tutorials and social events.

Learning resources

The Law Library keeps texts and journals on all aspects of local, national and international law. This makes research more straightforward. The latest technology connects you to legal databases through fast wi-fi and computer labs.

Course information

Law

A law degree is one of the most versatile university qualifications available.

The undergraduate law curriculum provides a global perspective, and encourages student commitment to social justice and community service.

See **page 101** for Bachelor of Laws.

Legal Practice

Students wishing to practice law in Australia and a number of Commonwealth countries may consider taking the Graduate Diploma in Legal Practice (**page 102**) after completing their Bachelor of Laws degree.

Legal Studies

You can take Legal Studies as a major within a Bachelor of Arts. It gives you the chance to get a feel for Law by looking at various legal systems, diverse areas of the Law and looks at how different legal problems and issues can be approached. Please see our **Arts, Humanities and Social Sciences** chapter.

Pathways

There are four pathways into the Bachelor of Laws:

Direct entry (Bachelor of Laws 63P1)

Students who have completed Australian Year 12 or its equivalent and attained an ATAR score (or equivalent) of 90+ may be considered for entry into Bachelor of Laws (63P1).

IELTS of at least 6.5 with no band less than 6.0.

Standard entry (Bachelor of Laws 63P2)

Students not attaining an ATAR score or equivalent of 90+ may apply for Bachelor of Laws 63P2 or law combined degrees. Progression into Year 2 of the law course is not automatic. There is a quota of 200 places for all second year law students. Students are ranked based on academic performance in their first year of study.

IELTS of at least 6.5 with no band less than 6.0.

Transfer entry (Bachelor of Laws (63I1))

Students who have completed first year in another faculty which includes the units LAW121 Introduction to Law and LAW122 Legal Systems may apply for transfer into the Bachelor of Laws (63I1), or related combined degree with law.

Graduate Entry (Bachelor of Laws (63I1))

Students who have completed a bachelor degree at a recognised university can apply for graduate entry to the Bachelor of Laws (63I1).

Entry in all above cases is on academic merit and equivalency of qualifications.

Undergraduate courses

▼ Bachelor of Laws

Duration	Five years for combined degree Four years for straight Law degree
Entry	February and June*
Location	Hobart
Course code	63P1 (direct entry) 63P2 (standard entry) 63I1 (graduate and transfer entry)
CRICOS Code	003151E
Indicative ATAR	90 (direct entry)

The Bachelor of Laws at the University of Tasmania gives you a strong foundation in the principles of the law and provides the basic academic preparation for anyone who wishes to enter the legal profession or other careers involving legal work.

The first years comprise the study of core areas of law. You then choose specialist electives in later years. The course will give you an understanding of the role of law in society. It will also help you understand the many contexts the law operates within.

Your study will give you problem-solving and research expertise as well as helping you develop keen written and interpersonal communication skills.

At our university, law students also receive one-on-one mentoring and support, can take international exchange and benefit from outstanding connections to the legal profession and institutions.

Double or Combined Degrees

A Bachelor of Laws (LLB) can also be combined with bachelor degrees in Arts, Psychological Science, Business, Economics, ICT or Science.

Other Related Undergraduate Degrees

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.

* Introduction to Law is offered in Semester 1 (starting February) and as a winter semester (June) intensive course. Legal Systems is offered in Semester 2 (starting July).

Postgraduate courses

▼ Graduate Diploma of Legal Practice

Duration	Half a year
Entry	Late January/ early February
Location	Hobart
Course code	L6B
CRICOS Code	040663G

This six month professional and practical training course offered at the standard of Graduate Diploma prepares law graduates for the conduct of legal practice. On successful completion of the course you may be eligible to apply for admission to the legal profession in Australia and in some other jurisdictions overseas.

This course has limits on places and the admissions requirements including application deadlines are strictly applied.

For further information, please email tas.legalpractice@utas.edu.au or see utas.edu.au/legalstudies.

Other Related Postgraduate Degrees

For a full course list please see tables on pages **147–152** or visit utas.edu.au/courses.





Marine and Antarctic

Marine and Antarctic

Our University has had more than 25 years' experience in the emerging field of Marine and Antarctic Science and is one of the world's largest marine research organisations.

With an annual value to Australia of approximately \$40 billion and growing, study and careers in Marine and Antarctic science and policy go far beyond conservation issues and resource sustainability. To help you match your career to an area of interest, we offer three underlying research and teaching themes: fisheries and aquaculture; oceans and cryosphere; and, ecology and biodiversity.

We have an interdisciplinary approach to the teaching of ocean and polar science that integrates the study of natural sciences with current practice in management, policy and law.

Our degrees give a unique applied and translational science approach to an educational experience centred on ecological sustainability. Once graduated, students are able to contribute to the sustainable management of the marine environment, thereby increasing the total quality of life as described in Australia's National Strategy for Ecologically Sustainable Development (ESD).

Your studies can literally be the tip of the iceberg in this fascinating area of science, environment and industry. You will combine elements of biology, chemistry, physics, geology, oceanography and mathematics with environmental governance, management and policy to give you the skills to maintain the marine environment for future generations.

The skills and knowledge you learn could see you have a real impact on practices, processes and policies on a local, national or worldwide scale.

Inter-disciplinary research is a strength of the University. We participate in major research and development programs. We have key partnerships with the Australian Antarctic Division and the Commonwealth Scientific and Industrial Research Organisation.

Our research strengths in Marine and Antarctic studies span our underlying themes and focus on climate change, ocean-Earth systems and ocean and Antarctic governance.

▼ **The University has more than 25 years' experience in the area and is one of the world's largest marine research organisations.**

Studying Marine and Antarctic

Why Marine and Antarctic studies?

Marine and Antarctic studies attracts those who already have a fascination for the marine world or Antarctica, and are interested in becoming a highly trained scientist able to contribute to marine environmental conservation and sustainability. If you enjoy the natural and physical sciences, you could also combine this passion for science with a love of the outdoors and adventure.

You may choose this course because of your love of science or the desire to understand our natural environment. These courses offer a wide range of career options in marine and freshwater research, oceanography, fisheries, and climate research or environment conservation.

Group work, projects and field trips provide extra challenges and opportunities to work alongside world-class academics and researchers.

Institute for Marine and Antarctic Studies

Opened in 2013, the \$45m Institute for Marine and Antarctic Science (IMAS) building, on the Hobart waterfront, contains a mix of public areas, research, teaching and student facilities and hot desks.

These facilities include purpose-built, state-of-the-art laboratories, a large public exhibition area and a lecture theatre.

It creates a world-significant hub and co-locates IMAS with the Integrated Marine Observing System and the Antarctic Climate and Ecosystems Cooperative Research Centre among others.

IMAS Launceston is co-located at the University's Newnham campus with the Australian Maritime College (AMC) providing access to the AMC training facilities and vessels. IMAS provides students with specialist teaching facilities including an on-site Aquaculture Centre.

IMAS' third location at Taroona, south of Hobart, provides a dedicated fisheries and aquaculture centre and state of the art Experimental Aquaculture Facility.

IMAS has strong links with the local community, and productive ties with leading marine and Antarctic research organisations in Tasmania, in the rest of Australia, and across the globe.

Antarctic Gateway Partnership

The Partnership, between the University, CSIRO and the Australian Antarctic Division, employs early-career researchers and technicians working with senior scientists at the largest Southern Hemisphere Antarctic and oceans research hub. This research influences our curriculum and further enhances Tasmania's reputation as a global leader in Antarctic and Southern Ocean science. It provides a gateway for Antarctic research, education, innovation and logistics, and the careers that creates.

Course information

Aquaculture

The farming of aquatic species is one of the largest growing food sectors in the world and offers great career opportunities for qualified graduates.

Our aquaculture degrees are designed with industry in mind.

An Associate Degree in Aquaculture or a major in Aquaculture through the Bachelor of Applied Science (Marine Environment) will provide you with practical education and training to enter this global growth industry.

See **page 109** for more information.

Environmental Governance

Environmental governance examines policy and sustainable management of natural resources and the environment.

The University offers two unique courses in this area. The Masters of Environmental Governance (Oceans, Polar Regions and Climate) on **page 111** and a masters course on Protected Area Governance and Management covering terrestrial, freshwater and marine protected areas. This is covered in the **Agriculture and Environmental Science** chapter.

Fisheries

The need for sustainable management of commercial fisheries is vital to the environment and to economies around the world. A Bachelor of Applied Science (Marine Environment) from the University of Tasmania gives you qualifications to work in this growing industry.

See **page 109** for more information.

Marine and Antarctic Science

If you have a fascination for the marine world or the polar regions, and are interested in becoming a highly trained scientist or policy-maker, contributing to marine environmental conservation and sustainability then our Marine and Antarctic courses may be for you.

For more information please see the Bachelor of Marine and Antarctic Science, **page 109** or the Master of Marine and Antarctic Science, **page 112**.

Marine Biology

The study of marine plants and animals is a field that can provide a lifetime of rich and rewarding experiences around the globe. A Bachelor of Marine and Antarctic Science from the University of Tasmania gives you the qualifications to work as a marine biologist anywhere in the world.

See **page 109** for more information.

Marine Conservation

With a booming world population, the stress on an already strained environment is being felt particularly strongly in the southern oceans. Marine conservation is about exploring the wonders of our oceans and developing workable strategies for their conservation.

Our Bachelor of Applied Science (Marine Environment) gives you the qualifications to create a career in a field which will keep you fascinated and challenged throughout your life.

Marine Environment

Those wanting to further develop their scientific expertise in the marine environment should consider the Applied Science (Marine Environment), available at undergraduate or postgraduate level.

For more information please see the Bachelor of Applied Science (Marine Environment), **page 109** or the Master of Applied Science (Marine Environment) (Honours), **page 111**.

If you're interested in combining business acumen and maritime logistics skills within the marine environment, you should consider the University's unique MBA (Marine Environment and Management) degree offered through the Australian Maritime College. Please visit **utas.edu.au/courses** for more information.

Physical Oceanography

The study of ocean currents, changing ocean temperatures and sea-level and the ocean's role in the climate system can provide a lifetime of rich and rewarding experiences around the globe. A Bachelor of Marine and Antarctic Science from the University of Tasmania gives you the qualifications to work as an oceanographer anywhere in the world, and our graduates do just that.

See **page 109** for more information.

Undergraduate courses

▼ Bachelor of Applied Science (Marine Environment)

Duration	Three years
Entry	February and July
Location	Launceston
Course code	J3T
CRICOS Code	065473G
Indicative ATAR	60

Taught by world-class experts and developed in consultation with industry, this vibrant and contemporary undergraduate degree program develops high-performing graduates with specialist skills and knowledge. It is particularly relevant to those interested in working in or gaining a background in one of the three majors of marine conservation, fisheries management or aquaculture.

The flexible degree structure ensures you can gain broad exposure across natural and biological sciences, economics, management, social science, policy and law.

During your study, you'll gain hands-on experience in field research techniques, laboratory methods and opportunities to undertake work placement in industry and government. With such a dynamic range of topics, you'll be well equipped to pursue a number of career pathways related to marine research, sustainable resource use and environmental management.

Areas of study

- Aquaculture
- Fisheries management
- Marine conservation

Career opportunities

- Aquaculture
- Biosecurity
- Environmental management and conservation
- Marine science, policy and research
- Marine tourism
- Wild capture fisheries management

Professional recognition

This degree is accredited by the Institute of Marine Engineering, Science and Technology (IMarEST) with graduates recognised as meeting the academic base requirement, (in part) for registration as a chartered scientist or marine scientist, and (in full) for a registered marine scientist.

Entry requirements

Standard university entry requirements.

▼ Bachelor of Marine and Antarctic Science

Duration	Three years
Entry	February and July*
Location	Hobart
Course code	K3S
CRICOS Code	081797J
Indicative ATAR	65

Run by world-renowned experts, available only at the University of Tasmania, this unique degree gives you a broad foundation in the study of temperate marine, Antarctic and Southern Ocean science based on interdisciplinary themes. These themes include oceans and cryosphere, ecology and biodiversity, climate change, ocean-earth system and ocean and Antarctic governance.

You will study a range of sciences including biology, chemistry, oceanography and mathematics, giving you strong research skills to pursue further study after graduation or work within the sector.

You will choose from one of the following streams:

- Marine biology
- Marine and antarctic governance
- Physical oceanography
- Physics
- Chemistry
- Geology
- Modelling and technology
- Geographic information systems and remote sensing

* July intake not available for the following streams: Physical oceanography, Physics and Modelling & technology

Career opportunities

- Antarctic administration and policy
- Oceanography
- Environmental conservation
- Marine ecosystems, climate research and impact assessments
- Research scientist: biology, microbiology, geology, glaciology, physics

The Bachelor of Marine and Antarctic Science is run in conjunction with the Faculty of Science, Engineering and Technology.

Entry requirements

For each stream above, apart from Marine and Antarctic Governance, pre-tertiary entry requirements apply for admission.

Please visit utas.edu.au/courses for more information.

Honours

- Bachelor of Antarctic Science (Honours)
- Bachelor of Marine Science with Honours
- Bachelor of Applied Science (Marine Environment) with Honours

Other Related Undergraduate Degrees

If you are interested in studying sciences, you may also be interested in looking at the following degrees:

- Bachelor of Science — see the Science chapter
- Bachelor of Applied Science (Environmental Science) — see the Agricultural and Environment chapter

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of Environmental Governance (Oceans, Polar and Climate)

Duration	One year
Entry	July
Location	Hobart
Course code	S7X
CRICOS Code	089191G

This is an exciting new degree offering a sophisticated, interdisciplinary and practical approach to understanding how global spaces and areas of common environmental concern are managed through law, public policy and other governance approaches. A unique feature of the program of study is the combination of individually supervised, in-depth research, a work experience internship, and classroom-based learning. Each student completes a major supervised research paper (25% of the program), a one month work experience placement with a government or nongovernment organisation (25% of the program) and four traditional units that are offered through online or face-to-face learning. The core unit, Global Environmental Governance, is taught in an intensive format over one week.

The program is a collaborative initiative of the University of Tasmania's world-class Faculty of Law, the Institute for Marine and Antarctic Studies and the Australian Maritime College.

This degree is designed for students with diverse backgrounds, including those with prior studies or professional experience in marine science, law, public policy, political science and environmental studies.

Career opportunities

Graduates can pursue professional careers in government or the private sector in a variety of environmental policy and management contexts, including marine environment, fisheries, climate change, and Antarctica.

Entry requirements

A bachelor degree with honours (at least at lower second class honours or equivalent) in law, environmental studies or other relevant discipline from a recognised university; OR

A bachelor degree in a relevant discipline, without honours (but with a credit average or better) from a recognised university and having at least 1.5 years of relevant professional experience.

▼ Master of Applied Science (Marine Environment) (Honours)

Duration	Two years
Entry	February and July
Location	Launceston
Course code	J7V
CRICOS Code	066194F

This masters degree allows you to specialise in one of four major areas:

- Fisheries management
- Aquaculture
- Marine conservation
- Aquatic animal health

You will be well positioned to contribute in areas of marine resource and environmental management, science policy, and technical management across a range of marine and maritime industries.

Commencing with development of skills and knowledge via eight coursework units, this course concludes by exposing you to independent, research-based study with a one year research project. The supervised project will refine your skills and knowledge in data and knowledge integration, synthesis and critiquing skills.

Professional recognition

The Institute of Marine Engineering, Science and Technology (IMarEST) has accredited this degree as meeting the further learning requirements, in full, for registration as a Chartered Scientist and Chartered Marine Scientist.

Entry requirements

Bachelor's degree or equivalent recognised degree in a related discipline. Students without demonstrable experience in aquatic or marine science experience may be required to undertake additional study to gain admission.

▼ Master of Marine and Antarctic Science

Duration	One and a half years
Entry	February
Location	Hobart
Course code	S7O
CRICOS Code	078823E

If you'd like to become expertly trained in marine science with international experience and research skill, this course is for you. You will develop an understanding of the roles the marine ecosystem play in the global climate system.

This masters degree offered by the University's world-renowned Institute for Marine and Antarctic Studies was developed as part of the International Antarctic Institute (IAI) and the UNESCO/Cousteau Ecotechnie Chair in Antarctic and Southern Ocean Environmental Sciences. The IAI is a multi-disciplinary consortium of international universities. While studying this course you will be able to cross-credit study programs and may choose to take electives available at one of the twenty partner universities as well as undertake their research project in association with an IAI partner, gaining a truly global degree in a field that could take you around the world.

Entry requirements

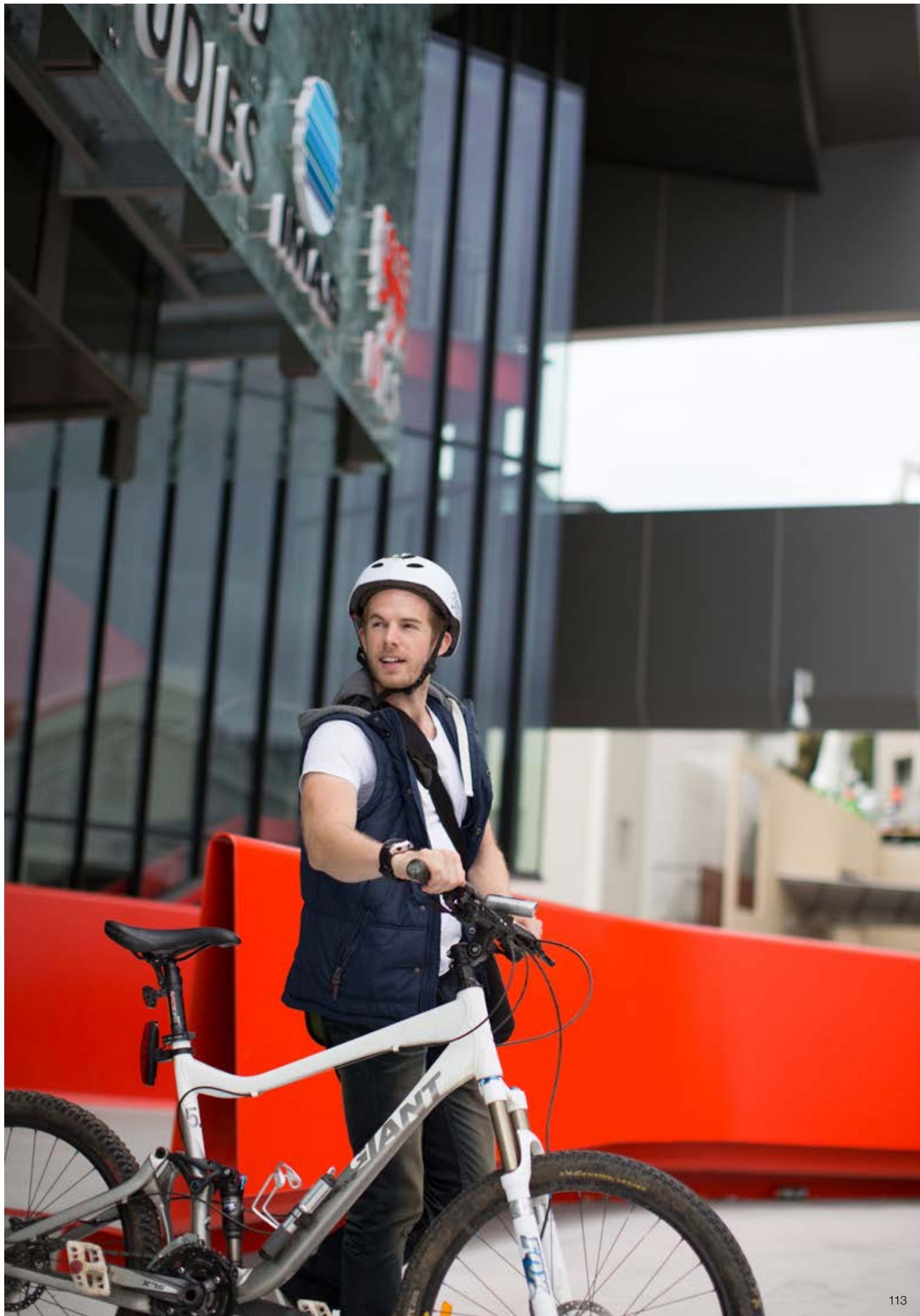
A Bachelor of Science with a major in Life Science (or equivalent).

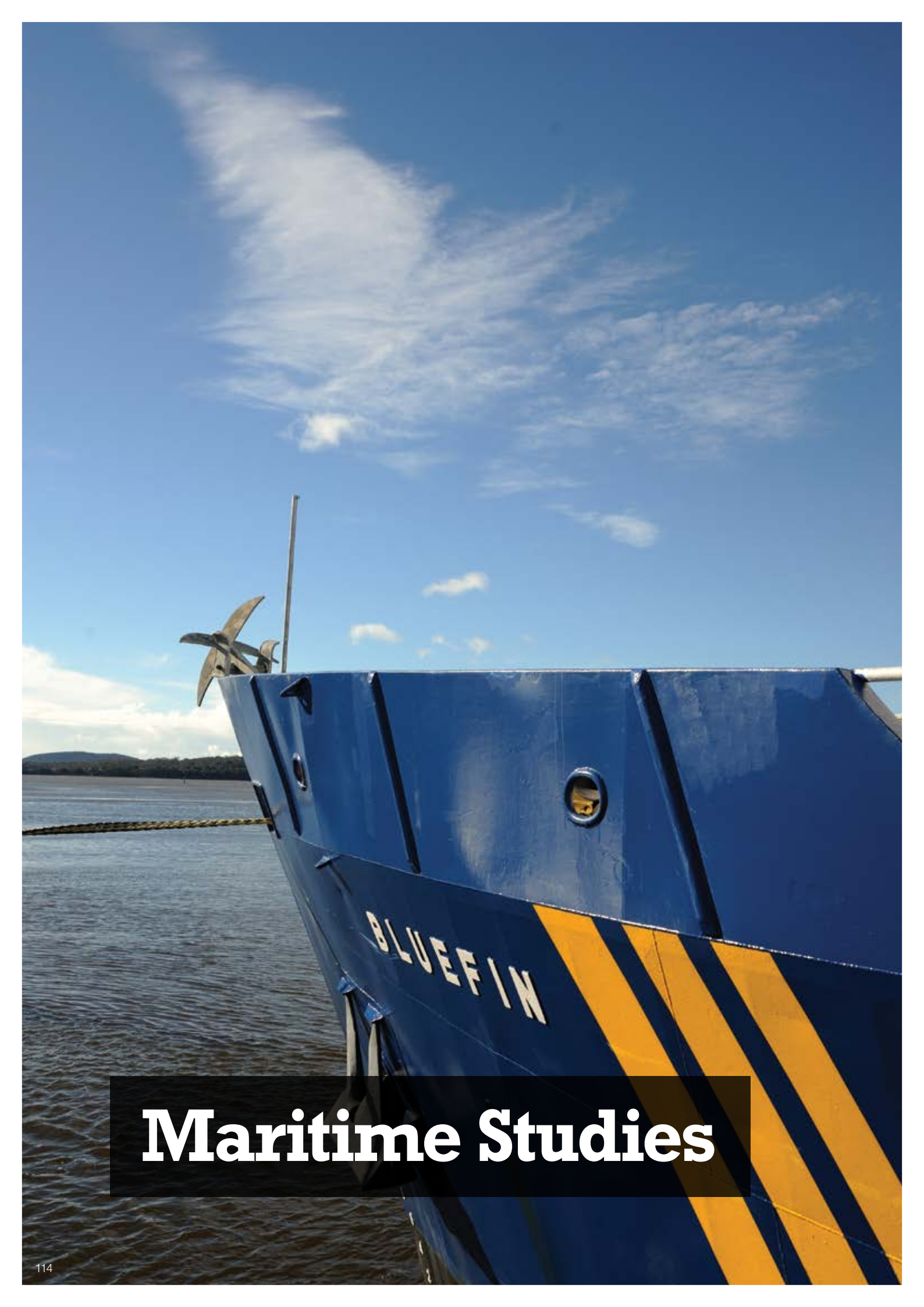
Other Related Postgraduate Degrees

If you are interested in studying marine and Antarctic sciences, you may also be interested in looking at the following degree in our Agriculture and Environmental Science chapter:

– Master of Environmental Management

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.





Maritime Studies

Maritime Studies

The Australian Maritime College (AMC) offers a hands-on approach to learning, career aligned programs, professionally experienced staff and strong industry links.

AMC is a specialist institute of the University of Tasmania and one of the seven founding members of the International Association of Maritime Universities (IAMU), of which it is currently the Chair.

It is located in the north of Tasmania, on the Newnham campus of the University of Tasmania. The main teaching campus has a multimillion dollar suite of specialist teaching, learning and research facilities which are utilised by government bodies and maritime related businesses world-wide.

AMC offers courses in the following study areas:

- Maritime Business and International Logistics
- Ocean Seafaring
- Maritime Engineering and Hydrodynamics
- Coastal Seafaring (VET)

AMC's course offerings remain relevant to global demands and are informed by industry and government bodies which are some of the reasons why AMC's highly skilled graduates are in demand world-wide.

Studying Maritime Studies

Our multi-million dollar suite of specialist teaching and research facilities are internationally acclaimed and are utilised by government bodies and maritime-related businesses world-wide.

This means that students often get to work on 'real-life' projects and gain valuable industry contacts.

As an AMC student you will have access to world-class training and research facilities at our Launceston and Beauty Point campuses. These include a fleet of vessels, a maritime simulations centre, engineering workshops, firefighting and damage control centres along with more industry specific facilities as part of the Australian Maritime Hydrodynamics Research Centre.

Meet our fleet

We have a number of seafaring vessels at the disposal of our students. Whether you're studying maritime engineering, the marine environment, navigation, or the workings of a ship's engine, it's likely you'll spend some time on the AMC's 35m flagship training vessel, the MV Bluefin.

Seafaring students learn how to rebuild and maintain engines on board the Stephen Brown a former collier.

Australian Maritime Hydrodynamics Research Centre (NHRC)

This a major research facility. It encompasses:

- Model Test Basin & Towing Tank
- Cavitation Research Laboratory
- Circulating Water Channel
- Diesel Spray Test Facility
- Computer Cluster
- Centre for Maritime Simulations

Emergency Response Centre

Learn how to keep a cool head under pressure in our Survival Centre. Combining a heated pool and mock ship superstructure, this facility is blacked out for simulated night exercises, and can also create water turbulence, rain, wind noise and simulated storm effects.

The Damage Control Unit, comprising three floodable compartments, is used to provide damage control training for civil and defence personnel. An R5 fast rescue boat and davit is located on board the former collier, the Stephen Brown.

Fast Rescue Boat courses are conducted for the offshore and shipping industries for the crews of vessels that carry a fast rescue boat.

Networking

Many of our facilities are used not only for teaching and research but also by maritime industry and allied companies, which means as a student or graduate, you will have access to work experience and possible employment opportunities with these companies.

▼ **AMC's 100m-long towing tank is the largest in Australia.**

Course information

Business and International Logistics

Our Maritime Business and International Logistics programs combine core business principles with specific maritime industry units to prepare you for management and senior administrative careers in private enterprise, industry organisations and government spanning the multi-million dollar maritime logistics industry.

If you do not meet the usual academic entry requirements you may be considered for entry based on experience gained in industry or government.

You can opt for one of our bachelor degrees in International Logistics (Freight Forwarding) (**page 67**), Business (Maritime and Logistics Management) (**page 65**), or Applied Science (Maritime Technology Management) (**page 119**).

If you are looking for a postgraduate degree you may wish to consider an MBA (Advanced) in Maritime and Logistics Management (**page 69**).

For more information, see the **Business** chapter.

Coastal Seafaring

Coastal seafarers work on local waters. It is a highly mobile and skilled profession with many career opportunities existing in coastal maritime operations.

You could be working with tourism charter boats, commercial fishing, commercial trading vessels, aquaculture and super yachts, through to rig tenders and onshore support vessels.

For more information on AMC's vocational educational training programs in coastal seafaring please visit utas.edu.au/courses.

Marine Electro-Technology

A Bachelor of Applied Science (Marine Electro-Technology) will enable you to embark on a career as a marine or shore-based Electro-Technical Officer (ETO), managing electrical and electronic control functions aboard modern vessels and offshore installations.

For more information, see utas.edu.au/courses.

Marine Engineering

A Bachelor of Applied Science (Marine Engineering) (**page 120**) will enable you to embark on a career as a marine engineer officer on commercial vessels.

Marine engineering is one of our three ocean seafaring specialisations. Marine engineers are primarily responsible for the safe operation of propulsion and marine machinery of an ocean going vessel.

Maritime Engineering

Maritime engineering is for those people interested in designing things that go on, through or are related to water.

We offer highly specialised undergraduate maritime engineering honours degrees in marine and offshore engineering, naval architecture and ocean engineering.

Our postgraduate maritime engineering programmes provide engineering graduates with in-depth exposure to a wide range of subjects relevant to the development and procurement of marine systems.

Our maritime engineering programs are industry aligned, opening up a world of possibilities for graduates. Industries include high-speed aluminium crafts, oil & gas, leisure crafts, navy, industrial process and power generation sectors and more.

For more information on our maritime engineering courses, see the **Engineering** chapter.

Nautical Science

Nautical Science is offered through a Bachelor of Applied Science (Nautical Science).

You should study this ocean seafaring course if you intend to embark on a career as navigating deck officer and master on commercial vessels. It provides the knowledge and skills required to safely manage and operate vessels.

For more information, see **page 119**.

Ocean Seafaring

Ocean seafarers work on international vessels such as passenger liners, tankers and bulk cargo carriers in national and international waters.

Our undergraduate ocean seafaring programs let you choose from one of three streams of study:

- Nautical Science (deck officers)
(**page 119**)
- Marine Electro-Technology (ETO)
- Marine Engineering (engineer officers)
(**page 120**)

For additional information see **utas.edu.au/courses**.

Undergraduate courses

▼ Bachelor of Applied Science (Maritime Technology Management)

Duration	Three years. Up to 7 if studying by distance.
Entry	February and July
Location	Launceston, Distance*
Course code	J3P
CRICOS Code	062252M
Indicative ATAR	65

Take advantage of the combined offering of engineering and technology management with logistics and business to give you the specialised skills to work in project management roles in the maritime sector and related industries.

You will develop the skills you need to take up managerial positions in the maritime and logistics industries, which require knowledge and understanding of both technical and business process issues.

You gain a working knowledge of core business areas including financial resource management, economics, human resource management and logistics.

To introduce you to the technological aspects of maritime transport the course also includes technology units in:

- Ship Design and Production
- Engineering Fundamentals
- Offshore Engineering and Operations
- Programming and Problem Solving for Engineers

In addition, the course provides an understanding of the maritime logistics industry environment by incorporating ship operations management, port and terminal management units.

Entry requirements

Standard university entry requirements plus mathematics at an equivalent Australian Year 12 level. Science-based subjects are highly recommended (physics, physical sciences or chemistry).

▼ Bachelor of Applied Science (Nautical Science)

Duration	Four and a half years
Entry	Variable
Location	Launceston
Course code	23N1
CRICOS Code	077531C
Indicative ATAR	60

This program is offered to you if you intend to embark on a career as navigating deck officer and master on commercial vessels. It provides the knowledge and skills required to safely manage and operate vessels.

The course includes navigation and vessel handling, cargo and passenger transport, vessel management, marine legislation and Shipboard Safety Skill Set.

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Applied Science (Nautical Science), 22N1 if you have met the requirements for the award.

* Students wishing to study by distance should contact our Distance Education Office for further information via email: amc.distanceed@utas.edu.au or phone +61 3 6324 9790.

Professional recognition

Successful graduates will be awarded the Australian Maritime Safety Authority (AMSA) Certificate of Competency. The program is fully compliant with the training and educational requirements of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW Convention, as amended in 2010).

Entry requirements

Standard university entry requirements with a pass in mathematics and physics, chemistry or a physical science subject.

Students must gain employment as a trainee deck officer with a shipping company in order to obtain the required qualifying sea service. Employment must be sought either before or after Year 1 studies.

▼ Bachelor of Applied Science (Marine Engineering)

Duration	Four years
Entry	Variable
Location	Launceston
Course code	23M1
CRICOS Code	077530D
Indicative ATAR	60

This program is offered to you if you intend to embark on a career as Marine Engineer Officers on commercial vessels. It provides the knowledge and skills required to safely manage, facilitate, and undertake operation and maintenance linked to the shipboard marine engineering systems.

The course includes marine engineering and systems, vessel structure and operations, cargo and passenger transport, vessel management, marine legislation, marine survey and Shipboard Safety Skill Set.

Professional recognition

On completion of your second year, if you need to exit from your studies, you will be awarded the Advanced Diploma of Marine Engineering, 22M1 if you have met the requirements for the award.

Entry requirements

Standard university entry requirements with a pass in mathematics and physics, chemistry or a physical science subject.

Students must gain employment as a trainee deck officer with a shipping company in order to obtain the required qualifying sea service. Employment must be sought either before or after Year 1 studies.

Other Related Undergraduate and Postgraduate Degrees

If you are interested in studying maritime related degrees, you may also be interested in looking at the following chapters:

Business chapter

- Bachelor of Business (Maritime and Logistics Management)
- Bachelor of International Logistics (Freight Forwarding)
- Master of Business Administration (Advanced) (Maritime and Logistics Management)

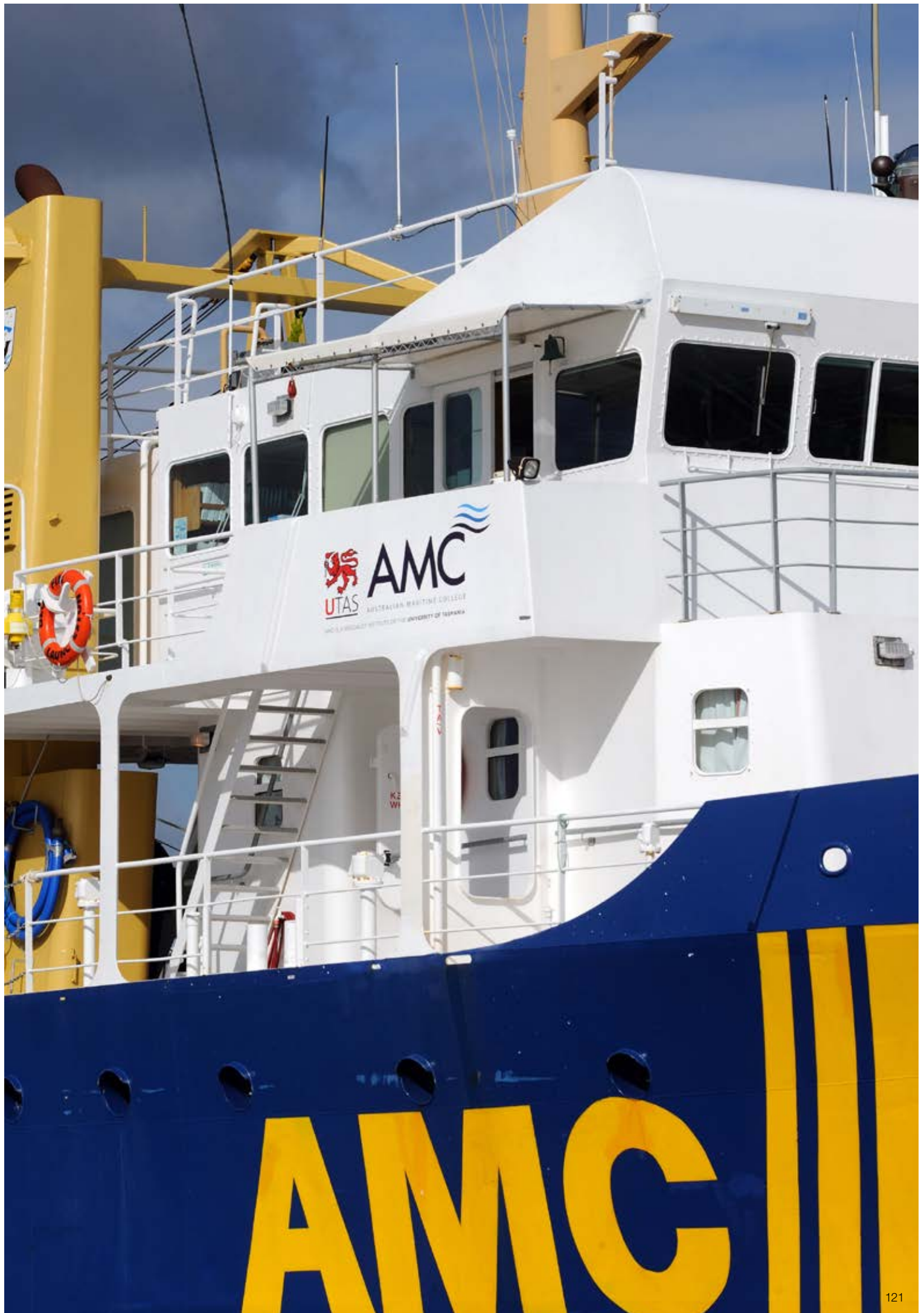
Engineering chapter

- Bachelor of Engineering (Naval Architecture) (Honours)
- Bachelor of Engineering (Ocean Engineering) (Honours)
- Bachelor of Engineering (Marine and Offshore Engineering) (Honours)
- Master of Engineering (Maritime Design)
- Master of Maritime Engineering (Naval Engineering)
- Master of Maritime Engineering (Technology Management)

Marine and Antarctic chapter

- Bachelor of Applied Science (Marine Environment) (Honours)
- Master of Applied Science (Marine Environment)
- Master of Environmental Governance (Oceans, Polar and Climate Change)

For a full course list please see tables on **pages 147–152** or visit **utas.edu.au/courses**.





Medicine, Health Sciences and Community Care

Medicine, Health Sciences and Community Care

Our university has long believed, the higher quality our graduates, the more they are able to contribute — to the health of individuals and to the health of the communities they serve.

The University is committed to giving graduates the best possible contemporary healthcare and health science skills. Our aim is for our graduates to help deliver the next generation of transformative health and medical research outcomes, and provide exceptional client advice and care skills to the community.

The health sector is currently growing much faster than the average rate of all other industries, reflecting changing health, lifestyle, research and workforce needs and the opportunities that brings.

The demand for better health outcomes and an ageing population are leading to the development of specialist areas in medicine, medical research, health sciences and community care.

There are opportunities in developing new medicines or therapies and undertaking trials or diagnostic tests. Health and community care workers provide care, supervision and support for disadvantaged, disabled and aged people dealing with chronic illness, dementia, disability or other factors affecting their quality of life.

Our health-related courses and teaching are informed by wide-ranging applied research. We undertake diverse and exciting research programs ranging from policy and practice research in the delivery of health services, issues relevant to rural and remote regions, to clinical and health science, sports and nutrition, and mental and social wellbeing.

Studying Medicine, Health Sciences and Community Care

We want to help you get the most from your time here. You'll be taught by experts who work in the public and private health and science sectors. So, you'll get up-to-date, high-quality training opportunities and insights.

The University's internationally-recognised Menzies Institute for Medical Research, Wicking Dementia Research and Education Centre, Unit for Medication Outcomes Research and Education (UMORE), and Health Services Innovation Tasmania are central to strong partnerships with government and non-government health organisations, including the Tasmanian Department of Health and Human Services and the State's three major teaching hospitals in Hobart, Launceston and Burnie.

At the Medical Science Precinct, a purpose-built health hub in Hobart, as well as the Launceston and Sandy Bay campus and the clinical schools in our three major hospitals, you will have access to state-of-the-art-learning environments, resources and equipment.

These include cutting-edge laboratories, public clinics, and simulation facilities, including model hospital wards and hi-fidelity simulation experiences.

We also provide online academic skills tutorials for all students, to help with your research assignments, as well as access to programs designed to develop your communication, mathematical and English language skills. Students also have 24-hour access to computer labs.

Additional resources

The University Psychology Clinic (UPC)

The UPC provides free specialist clinical psychology services to the community, and has done so for over 20 years.

As well as being a training and teaching clinic for provisionally registered psychologists, the UPC gives postgraduate psychology students the opportunity to gain practical experience.

These are graduates of our four-year undergraduate program now undertaking their postgraduate training in clinical psychology. They provide assessment and evidence-based therapy for children, adolescents and adults, under the supervision of highly experienced clinical supervisors.

All sessions are video-recorded for review with supervisors to ensure the best possible services for clients attending the Clinic.

Professional Experience Placement (PEP)

As part of some programs, you will undergo training where you will work under professional supervision with experienced industry partners such as hospitals, laboratories, local health districts and aged care facilities. This gives you the hands-on practice that employers value and actively look for in graduates.

In order to commence workplace-integrated learning outside of the University of Tasmania you may be required to demonstrate compliance with relevant policies. These can include a National Police Check, Infectious Disease Policy, Code of Conduct and Student Placement Agreement.

Exercise Physiology Clinic

The Exercise Physiology Clinic in Launceston provides practical educational experiences for our students. Under professional supervision, students undertake exercise assessment, prescription and counselling services to individuals who have been referred by their General Practitioner under a Chronic Disease Management Plan.

The Clinic also runs group classes in Cardiac Rehabilitation, Pulmonary Rehabilitation and Therapeutic Pilates.

Course information

Biomedical Science

Our AIMS accredited bachelor degree in biomedical science can lead to an exciting career as a medical scientist.

Medical scientists carry out laboratory investigations which assist in the diagnosis and treatment of disease in a wide range of fields including clinical chemistry, endocrinology, haematology, blood transfusion science, histopathology, medical microbiology, human molecular biology, and immunology.

For information about our Bachelor of Biomedical Science see **page 127**.

Visit utas.edu.au/courses for details about our Master of Biomedical Science.

Exercise Science

If you're healthy and active, are interested in sport and fitness, have good observation, communication and problem-solving skills, are patient and have a genuine interest in people, then a career in the exciting arena of exercise science through our accredited Bachelor of Exercise Science may be the perfect fit for you.

Covering a huge range of areas in both the public and private sectors — such as corporate health, national sport teams, exercise rehabilitation and outdoor adventure — exercise scientists get the best out of their clients by applying knowledge and techniques from the areas of biomedical science, physiology, biomechanics (the study of human movement), nutrition, psychology and sport assessments. Please visit utas.edu.au/courses for more details.

Health Science

The Bachelor of Health Science equip you with the skills to provide high quality services in health promotion, and community and public health. With three elective specialist streams — Bioscience; Psychology/Management; and Public Health and Lifestyle — you can tailor the degree to suit your interests and career aspirations.

The degree can be used as a pathway to allied health professions such as nutrition and dietetics, or physiotherapy, or careers in other health profession settings such as project management or clinical research. It can also be used as a pathway to other courses such as the Bachelor of Biomedical Science and Bachelor of Exercise Science. This course is also relevant to health care professionals who are already working in the industry, and are looking for a degree qualification.

Visit utas.edu.au/courses for more details.

Medical Research

Medical research is a rapidly expanding area which looks into the causes of disease and ways of halting or preventing it.

As a graduate of our Bachelor of Medical Research (**page 128**), you can expect to find employment in a range of areas including the pharmaceutical, pathology and biomedical industries, biotechnology companies, research institutes, hospitals and universities, and other health-related professions.

Medicine

Studying a Bachelor of Medicine/ Bachelor of Surgery degree (**page 128**) opens up a multitude of careers in the health professions, not just that

of medical practitioner. You can enjoy rewarding careers in medical research as well as diagnostic medicine.

Whatever path you choose, with a top ranking by subject in Medicine, in the 2015 QS World Rankings by subject, you can be sure that you are learning from academics at the forefront of science and clinical practice with a commitment to quality teaching and research.

Nursing

A Bachelor of Nursing (**page 129**) is about learning and understanding safe, effective and ethical practices, with patient care and welfare always at the core.

Nursing careers encompass areas well outside traditional hospital wards. These include roles in education, chronic disease management, mental health, workplace safety, rural health, and emergency medicine.

Pharmaceutical Studies

The University offers a Bachelor of Pharmacy (**page 130**) for those interested in working as clinical pharmacists as well as a Masters of Pharmaceutical Science (**page 133**) if you wish to pursue a career in pharmaceutical research.

The University of Tasmania pioneered hospital and community-based clinical teaching of pharmacy students in Australia and is a national leader in practice-based research, particularly incorporating the use of information technology.

Our research strength lies across the spectrum of the medicines pathway, including laboratory, clinical and community-based studies related to medication discovery, preparation, administration and use.

Psychology

We have a range of courses that focus on psychology. These include taking majors in the bachelors of Arts, Social Science, Science, or Psychological Science (**page 131**), and masters degrees aimed at practice including Clinical Psychology and Professional Psychology.

If you wish to become a clinical psychologist, you'll need to undertake the Master of Psychology (Clinical) (**page 133**) after completing one of the following bachelor degrees: Arts with Honours; Science with Honours; Psychological Science with Honours; or Psychology with Honours*.

To practice as a general psychologist you will need to take the Master of Professional Psychology (**page 134**) after completing one of the four honours degrees mentioned above.

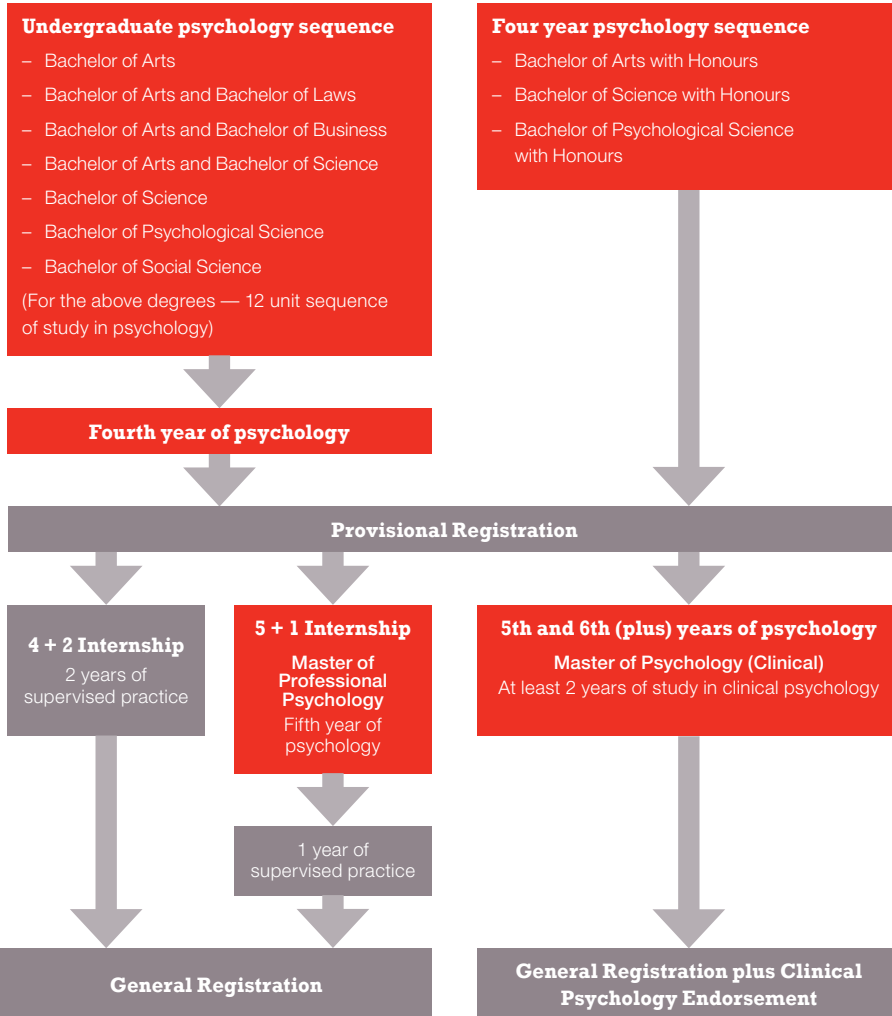
Social Work

Students interested in taking social work at the undergraduate level can study a Bachelor of Social Work (**page 131**). We also offer a Master of Social Work — see **page 134**. Both courses are professionally accredited.

Social workers assist people, groups and communities to address a range of problems such as poverty, disability, homelessness, discrimination, inequality and family conflict.

They are employed in a range of sectors including human services, education, community development, research, and policy development.

Psychology pathways



■ = Course offered by the University of Tasmania

* The first three years of the Bachelor of Psychology (Honours) are not presently available to international students.

Undergraduate courses

▼ Bachelor of Biomedical Science

Duration	Three and a half years
Entry	February
Location	Launceston
Course code	M3G
CRICOS Code	002705F
Indicative ATAR	75

Are you fascinated in how the human body functions? Keen to work in medical laboratories helping unravel underlying causes of disease? Studying biomedical science will provide you with training in professional areas such as clinical chemistry, endocrinology, haematology, blood transfusion science, histopathology, microbiology, human molecular biology, and immunology. You'll learn to undertake valuable diagnostic services and to provide information used in the diagnosis and treatment of patients.

Biomedical science is a degree used by some students as a pathway to enter undergraduate and postgraduate medicine courses around Australia.

Areas of study

- Anatomy
- Biochemistry
- Cell and Molecular Biology
- Chemistry
- Immunology
- Histology
- Physiology

Career opportunities

Graduates from this degree have outstanding employment opportunities in Australia and overseas. These include:

- Blood transfusion services
- Hospital, clinical and pathology laboratories
- Public health laboratories
- University or industry medical research
- Veterinary laboratories

Professional recognition

The Bachelor of Biomedical Science is accredited by the Australian Institute of Medical Scientists (AIMS). Employers recognise that graduates from the course have been specifically trained for the industry — and are ready to be employed as medical scientists and diagnostic pathologists.

Entry requirements

Standard university entry requirements including chemistry and mathematics at Australian Year 12 level or equivalent.

Special requirements

You must meet Faculty of Health Safety in Practice, Code of Conduct, and AHPRA student registration requirements.

Alternative entry

If you are not accepted into the course on your first attempt, you can try to gain entry through study of an alternative pathway.

We recommend the Bachelor of Health Science as your second preference. For more information on alternative pathways, visit utas.edu.au/health/study.

▼ Bachelor of Biotechnology and Medical Research

Duration	Three years
Entry	February and July
Location	Hobart
Course code	73S
CRICOS Code	073511F
Indicative ATAR	85

If you're a high achieving student who wants to become a researcher of the future in both medical and non-medical areas, a Bachelor of Biotechnology and Medical Research is the degree for you.

You'll gain a solid background in human, plant and animal biology. You spend the first year developing your general knowledge then choose one of eight majors during second year:

- Chemistry (Biotechnology)
- Drug Science
- Food Safety
- Genetics
- Neurobiology
- Pathology (Medical Research)
- Physiology
- Plant Science (Biotechnology)

Entry requirements

Standard university entry requirements.

▼ Bachelor of Medical Research

Duration	Three years
Entry	February and July
Location	Hobart
Course code	M3M
CRICOS Code	055221K
Indicative ATAR	85

If you have an interest in the human body, health and disease — and more importantly, expanding what we know about them — then the Bachelor of Medical Research is for you. Through this degree you'll be prepared for careers in medical research.

At its core is a major in Foundations in Medical Research and students can then specialise in Biochemistry (including pharmacology), Neuroscience (including neurobiology and behavioural neuroscience), pathology or genetics.

This course will develop the scientific and experimental skills that underpin biomedical research. Students will engage with research teams and gain real-world experience of medical research.

The Bachelor of Medical Research is used by some students as a pathway to enter undergraduate and postgraduate medicine courses around Australia.

Entry requirements

In addition to meeting standard university entry requirements, students must have completed pre-tertiary level chemistry. Maths is also highly recommended but not required.

▼ Bachelor of Medicine and Bachelor of Surgery (MBBS)[^]

Duration	Five years
Entry	February
Location	Hobart
Course code	M3N
CRICOS Code	056049J
Indicative ATAR	95

The MBBS degree is an on-campus full-time course, with a minimum of five years to complete. Years 1–3 of the course are based in Hobart at the Medical Science Precinct, with short placements in rural communities around Tasmania. In years 4–5, students undertake clinical rotations and electives to complete their degree, choosing to be based at the Hobart Clinical School, the Launceston Clinical School or the Rural Clinical School in Burnie.

In this course you will learn the basic science of medicine and how it is applied in a clinical environment, along with the ethical and professional elements of practice.

By the time you have finished your fifth and final year of study, you will possess the skills, knowledge and attitudes required to undertake supervised practice as an intern in Australia or New Zealand. By then, you will have laid the foundations for a career that is always enlightening and endlessly rewarding.

When you take your Medicine degree, you will need to specialise in a certain area.

These specialist areas are commenced from Year Three. They include:

- Dermatology
- Emergency medicine
- Family practice
- Geriatrics
- Neurology
- Neurosurgery
- Obstetrics and Gynaecology
- Oncology
- Ophthalmology
- Paediatrics
- Psychiatry
- Surgery
- Urology

Professional recognition

To gain full registration to work in Australia and New Zealand as a medical practitioner, Bachelor of Medicine and Bachelor of Surgery graduates must successfully complete an internship.

You then have the option to take on further study in an area of specialisation, while continuing to work.

Entry requirements

In addition to meeting standard university entry requirements, students must have completed pre-tertiary level chemistry and mathematics.

You must also obtain a competitive ISAT entry score as well as satisfying other prerequisites.

IELTS of at least 7.0 with no band less than 7.0.

[^] This course is a quota course and capped entry applies

ISAT

ISAT (International Student Admissions Test) is a three-hour, computer-based multiple-choice test. The School of Medicine uses ISAT scores to rank applicants who have met the academic and subject prerequisites. For your application to be considered you must achieve a competitive entry score.

For more information about the ISAT visit isat.acer.edu.au.

Additional prerequisites

For the clinical rotations or placements, all students will need to comply with all relevant Police Check Policies, the Safety in Practice Agreement, Infectious Disease Policy, Code of Conduct and AHPRA student registration requirements. This is a requirement to participate and be placed in these workplace learning opportunities.

Please see utas.edu.au/courses for more information.

Bachelor of Nursing

Duration	Three years full-time or two years (fast-track)
Entry	February
Location	Hobart, Launceston
Course code	H3D — Launceston (3 year degree) H3H — Hobart (fast-track)
CRICOS Code	001680G (3 year) 055223G (fast-track)
Indicative ATAR	65 (3 years) or 75 (fast-track)

This fully accredited course requires six semesters of study, as either a three-year course or two-year fast-track program.

You study fundamental life sciences and sociology in clinical and simulated laboratories and learn best-practice skills for restoring and maintaining people's health.

You will be given the opportunity to undertake work placements in both rural and metropolitan health care facilities, gaining professional experience in a broad range of health care settings. In doing so, you acquire the knowledge, skills and attitudes required for beginning level practice as a Registered Nurse.

Year 1 Nursing

In first year, you gain the fundamental knowledge, skills, attitudes and the behaviours required for safe practice as a nurse. This covers a diverse range of responsibilities and includes learning about human biology and anatomy, the legal, cultural and ethical aspects of healthcare, and the delivery of safe and effective nursing care.

Year 2/3 Nursing

You start to develop substantial nursing knowledge and skills. This includes a focus on a range of acute and chronic conditions experienced by patients, and the knowledge and skills required to administer medication safely and efficiently. Basic biosciences are explored. You also undertake professional experience placement.

In Year 3, Semester 1 of the course, Launceston-based students (i.e. non fast-track students) may also have an opportunity to apply for international exchange.

Professional experience placements

As part of your professional nursing training, you will work under professional supervision with experienced industry partners including hospitals, local health districts and aged care facilities. This will give you the hands-on practice that employers value and actively look for in graduates.

In order to commence workplace-integrated learning outside of the University of Tasmania you are required to demonstrate compliance with relevant policies.

These can include a National Police Check, Infectious Disease Policy, Code of Conduct and Student Placement Agreement.

Professional recognition

The Bachelor of Nursing and the Bachelor of Nursing Fast Track course is accredited by the Australian Nursing and Midwifery Accreditation Council.

Graduates are eligible to apply for registration as a nurse with the Australian Health Practitioner Regulation Agency.

Entry requirements

Standard university entry requirements.

IELTS of at least 6.5 with no band less than 6.5.

Recommended knowledge

There are no prerequisites required but we recommend you have foundation knowledge of English, health studies and biology.

Special requirements

Students must meet Faculty of Health Safety in Practice Compliance, Code of Conduct and AHPRA student registration requirements.

See the AHPRA website for requirements: ahpra.gov.au/Registration/Student-Registrations/fact-sheet-for-students.aspx.

Registration/Student-Registrations/fact-sheet-for-students.aspx.

Bachelor of Pharmacy[^]

Duration	Four years full time (M3F) Three and a half years full-time (M3I)
Entry	February and July
Location	Hobart
Course code	M3F — February M3I — July
CRICOS Code	002058K (February) 087653K (July)
Indicative ATAR	80

The Pharmacy degree at the University of Tasmania is a competitive, direct-entry, professionally accredited program.

The main aim is to give you a specialist education in the basic and clinical pharmaceutical sciences.

This is complemented by hands-on experience through professional experience placements, which help you gain the skills and attitudes required for the responsible practice of pharmacy.

The combination of biomedical and pharmaceutical science and clinical expertise in drug use prepares you for work in a variety of fields.

Honours

A Pharmacy Degree with Honours can help you gain deeper knowledge in your specialist area. We offer an integrated Honours program in year 3 of your degree. Honours can lead to postgraduate study and a career in research or academia.

Professional recognition

Once you've completed a 12-month internship program, you can take an exam to be officially registered as a pharmacist by the Australian Pharmacy Council — with your registration recognised throughout Australia and New Zealand.

Entry requirements

In addition to meeting standard university entry requirements, students must have completed pre-tertiary level chemistry and mathematics.

Biology is also highly recommended but not required.

IELTS of at least 6.5 with no band less than 6.0.

Special requirements

Students must meet Health Safety in Practice, Code of Conduct and AHPRA student registration requirements.

[^] This course is a quota course and capped entry applies

▼ Bachelor of Psychological Science

Duration	Three years
Entry	February and July
Location	Hobart, Launceston
Course code	53Y
CRICOS Code	089945D
Indicative ATAR	65

The way we behave. The way we think. The way we react and interact. When you study psychology, you'll begin to understand the science behind human behaviour — and how we can use this science to solve practical problems in all sorts of situations.

When you study the Bachelor of Psychological Science you will study psychology as a major, and then have the opportunity to tailor the degree to your interests by studying a second major and a minor of your choosing.

Psychology graduates work in a wide array of occupations and professions such as marketing, business, advertising, criminal justice, education, public affairs, health services, human resources, and numerous other areas.

A Bachelor of Psychological Science (Honours) is also available which can lead to you doing postgraduate study in psychology and becoming a registered psychologist. Alternatively, you may pursue an alternative area of training in allied health, medicine, counselling, criminology, teaching, social work or management.

Entry requirements

Standard university entry requirements.

Pre-tertiary mathematics, psychology or science subjects is desirable but not required. However, satisfactory achievement in these subjects may be required for enrolment in some first year study Science and Health units.

Special requirements

Students must meet Faculty of Health Safety in Practice Compliance. For further information visit utas.edu.au/courses.

▼ Bachelor of Social Work[^]

Duration	Two years [*]
Entry	February
Location	Hobart, Launceston
Course code	13L
CRICOS Code	002721F
Indicative ATAR	N/A

This professionally accredited degree equips you with an understanding of social problems and social services, as well as the skills to provide assistance to a range of people in your community.

Entry into this course requires at least two years' prior study Arts, Social Science (or other areas involving the study of the individual or society), meaning that the total duration of study is at least four years.

*In each year of this course, you undertake one semester of academic study in Social Work Theory and Context and one semester of practical field placement.

Career opportunities

- Child welfare officer
- Corrections officer
- Counsellor
- Manager of human services
- Social worker
- Women's and youth services officer

[^] This course is a quota course and capped entry applies.

Fieldwork Placements

As part of this degree you will complete two fieldwork placements, or practicums. To undertake these you must undergo a national police record check. Other checks may be required by organisations such as for offences involving children. You will also need to be able to meet the requirements of the UTAS Safety in Practice policy. Students who do not receive these clearances will not be able to undertake their placements and thus will not be able to complete their degree. Placements are offered in a range of social work agencies throughout Tasmania and you may be required to travel for at least one practicum. You will be required to bear all travel and accommodation costs incurred during placement.

Professional recognition

The Bachelor of Social Work is the only undergraduate course in Tasmania which leads to accreditation with the Australian Association of Social Workers and is recognised by many overseas countries.

To be eligible for membership to the Australian Association of Social Workers (AASW), students must have completed an accredited degree and also meet the AASW English language requirements. For details regarding the English language requirements for membership please see aasw.asn.au

Alternative pathway

An alternative pathway to professional qualification is available through the Master of Social Work (see [page 134](#)).

Entry Requirements

Two years' full-time study in a bachelor degree or other degree program (or equivalent)

OR

A Diploma of Social Science (Community Services) from TAFE (or equivalent) and completed 75% of a full year of the BA or BSocSc (or other relevant degree).

OR

An undergraduate degree (or equivalent).

All studies at degree level must have included 4 x 12.5% units (or equivalent) units relating to studies of society and of the individual.

AND

IELTS of at least 7.0 with no band less than 6.5.

AND

Submission of a translated national police check from country of origin upon entry into the course.

It is preferred that students have undertaken some units in Aboriginal studies.

Exemptions regarding entry requirements may be made at the discretion of the Head of Social Work.

Other Related Undergraduate Degrees

If you are interested in the health and sciences fields, you may also be interested in looking at the following degree in our Science chapter:

– Bachelor of Science

For a full course list please see tables on [pages 147–152](#) or visit utas.edu.au/courses.

Postgraduate courses

▼ Master of Pharmaceutical Science

Duration	Two years
Entry	February and July
Location	Hobart
Course code	M7E
CRICOS Code	080696M

If you have a science undergraduate degree and are interested in learning more about toxicology and infectious disease, chemical analysis, medicinal chemistry and drug development, this is the degree for you. On graduation the fundamental knowledge and skills you will have gained will enhance your career opportunities within the pharmaceutical or biotechnology industries, academic pharmaceutical research, or pharmaceutical regulatory organisations.

In addition to your course work you will also undertake a research project, developing skills in research methodology and problem solving in pharmacology and pharmaceutical science.

Please note that the Master of Pharmaceutical Science does not qualify you for registration as a pharmacist. For this you will need to undertake the Bachelor of Pharmacy.

Entry requirements

A science-based bachelor's degree of the University of Tasmania or recognised equivalent. Where an undergraduate degree has recently been obtained, a minimum average grade of 60% obtained in the final two years of study is required for entry to the Master of Pharmaceutical Science program. Applicants below credit average will be considered based on a combination of academic record and relevant post-graduation experience.

IELTS of at least 6.5 with no band less than 6.0.

▼ Master of Psychology (Clinical)

Duration	Two years
Entry	February
Location	Hobart
Course code	M7L
CRICOS Code	000443F

Designed for provisionally registered psychologists, the Master of Psychology (Clinical) gives graduates the opportunity to become registered psychologists and to gain membership of the Australian Psychological Society enabling you to practice as a clinical psychologist.

You will develop advanced professional skills, in tandem with theoretical and empirical knowledge.

Entry requirements

You must have completed a four year, or three year plus a fourth year, APAC-accredited sequence in psychology, within the last 10 years, with an upper second class Honours (2A) or equivalent overall mark, and be eligible for registration with the Psychologist Registration Board as a conditional/provisional psychologist.

All applicants must satisfy the Faculty of Health that they are suitable candidates for professional training in psychology. Applicants may be required to attend an interview.

IELTS of at least 7.0 with no band less than 7.0.

Please see utas.edu.au/courses for more information.

▼ Master of Professional Psychology

Duration	One year
Entry	February
Location	Hobart
Course code	M7Q
CRICOS Code	085985F

This course trains psychology graduates in advanced psychotherapeutic skills required for general registration as a psychologist.

The one year degree, the Master of Professional Psychology meets the requirements of the Australian Psychology Accreditation Council (APAC) and the Australian Health Practitioner Regulation Agency (AHPRA) for a generalist fifth year in psychology.

Following graduation, you will be eligible to undertake one year of supervised generalist practice — you will then progress to full registration as a psychologist. The one-year supervised practice internship which leads to general registration as a psychologist is arranged and developed independently and must be approved by the Psychology Board of Australia.

Entry requirements

Successful completion of a four year APAC-Accredited sequence in psychology (AQF Level 8) including a 2A Honours degree or Distinction minimum average across their psychology subjects in years 3 and 4 of their APAC accredited undergraduate training together with eligibility for registration with the Psychology Board of Australia as a provisional psychologist.

International applicants will need to have achieved a GPA equivalent to a Distinction average in their Honours year or fourth year of undergraduate study.

IELTS of at least 7.0 with no band less than 7.0.

Further information on the English Language Skills Registration Standard of the Psychology Board of Australia (1 July 2015) is available on the website: ahpra.gov.au/Registration/Registration-Standards/English-language-skills.aspx.

▼ Master of Social Work[^]

Duration	Two years
Entry	February
Location	Hobart, Launceston
Course code	R7N
CRICOS Code	073756G

This is a professional qualifying course that equips graduates with knowledge and skills for professional practice in contemporary social work and human services.

It is designed specifically for people who have completed degrees with components of social and behavioural sciences.

Fieldwork Placements

As part of this degree you will complete two fieldwork placements, or practicums. To undertake these you must undergo a national police record check. Other checks may be required by organisations such as for offences involving children. You will also need to be able to meet the requirements of the UTAS Safety in Practice policy. Students who do not receive these clearances will not be able to undertake their placements and thus will not be able to complete their degree.

Placements are offered in a range of social work agencies throughout Tasmania and you may be required to travel for at least one practicum. You will be required to bear all travel and accommodation costs incurred during placement.

[^] This course is a quota course and capped entry applies.

Entry requirements

A recognised bachelor degree or equivalent other than in social work in a related field such as nursing, education, arts (with relevant units), behavioural studies, political science or social science;

OR

A recognised bachelor degree in a non-related field within which there are at least 4 x 12.5% units (or equivalent) which reflect a combination of study areas relating to studies of society and studies of the individual;

AND

IELTS of at least 7.0 with no band less than 6.5.

Professional recognition

To be eligible for membership to the Australian Association of Social Workers (AASW), students must have completed an accredited degree and also meet the AASW English language requirements.

For details regarding the English language requirements for membership please see aasw.asn.au.

Other Related Postgraduate Degrees

If you are interested in the health and sciences fields, you may also be interested in looking at the following chapters:

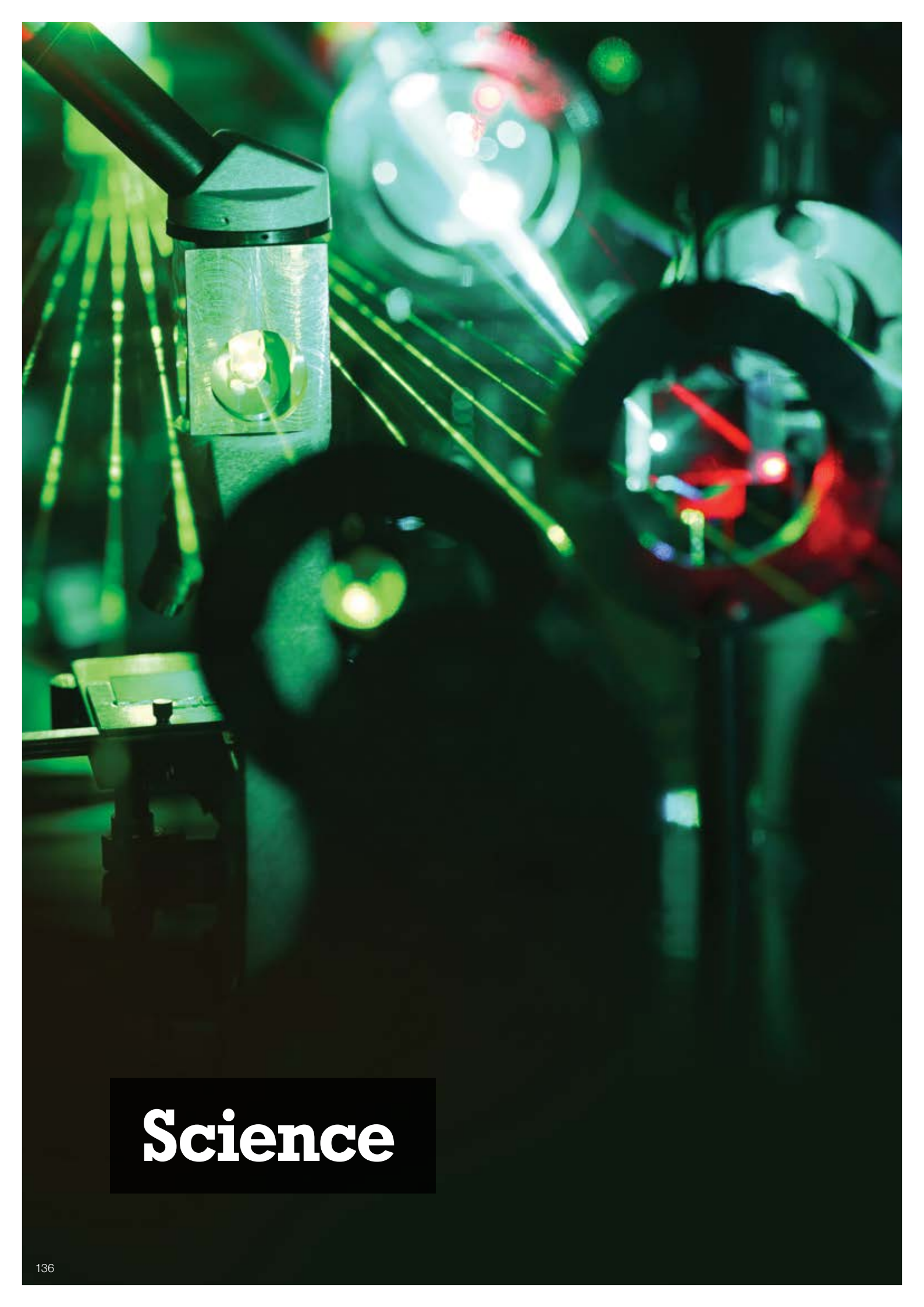
Agriculture and Environmental Science chapter

- Master of Applied Science (Food Safety)

Science chapter

- Master of Applied Science (Microbiology)
- Master of Applied Science (Biological Science)

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.



Science

Science

Since opening our doors in 1890, we have focused on how we, as individuals and as a society, perceive, understand, and make decisions in the world.

We continue to train, inspire and encourage the people who will tackle some of the world's most complex challenges — the people who will help create new industries, opportunities and breakthroughs.

A Science degree from the University of Tasmania gives you specific skills and a solid foundation in rational thinking.

You'll acquire knowledge, attitudes and skills in a range of physical, computational, mathematical, biological and earth sciences.

Learning the scientific methods to apply them also means that you gain the skills to meet the needs of industry, business and government agencies.

A reputation for research

We have five specialist schools providing world-class teaching and research. Our researchers are committed to undertaking quality research and developing collaborative links with scientific and business communities.

This high-quality new thinking feeds into our teaching and will energise your student experience.

▼ **Inspiring and encouraging tomorrow's generation of scientific and technological leaders and innovators.**

Studying Science

Who Studies Science?

People with a fascination for the world, life on it and our part in it. If you are driven to discover, if you have the will to meet a challenge or you're filled with a desire to create something new, Science can provide the way for you to realise your ambitions.

A Science qualification can provide an excellent generalist degree for many graduate positions or can provide the specialist knowledge to pursue focused careers in areas like astronomy, biology, geology, mathematics, zoology, spatial sciences and more. All these courses will encourage you to sink your teeth into study and research, get involved in class discussions and interact with academic staff.

Most jobs and careers and all sectors of a modern economy rely in some way on science, engineering and technology.

As a result, a Science degree is one of the most sought after degrees at university and one of the most asked for by employers.

Alternative entry pathway

A Science degree can provide a pathway to Bachelor of Medicine and Bachelor of Surgery or a Bachelor of Pharmacy. To be eligible to apply for a place in one of those degree courses, you'll need to successfully complete a year of study in one of these courses:

- Bachelor of Science
- Bachelor of Biotechnology and Medical Research
- Bachelor of Applied Science (Environmental Science)

Access to specialist facilities

Your study experience will most likely be a combination of classroom, laboratory and in-the-field learning.

You'll have 24/7 access to computer labs, plus access to the Central Science Laboratory. This laboratory hosts research-level analytical instruments and provides high level electronic and mechanical engineering workshop support. The staff here can provide advice, support, and teaching in atomic and molecular analysis and several different forms of microscopy.

Several specialist labs operate on-campus. The Molecular Genetics Laboratory has contributed to a range of projects in conjunction with CRC Forestry, Tasmanian Aquaculture and Fisheries Institute, Australian Antarctic Division, Institute of Antarctic and Southern Ocean Studies, and CSIRO Marine and Atmospheric Research.

The Human Interface Technology Laboratory in Launceston is a new teaching and research facility. It houses virtual and mixed reality technologies with a focus on design, visualisation, simulation and games. It has been established to unlock the power of human intelligence, improve quality of life and link minds globally.

The 340-hectare University Farm provides essential teaching and research links, especially within the discipline of Agricultural Science.

The University is also home to a number of world-class observatories and the most extensive network of radio telescopes owned and operated by any university in the world. Researchers use these in both national and international collaborations.

Course information

Agricultural Science

If you wish to study agricultural business or agricultural science please refer to the **Agriculture and Environmental Science** chapter.

Applied Science

Our range of Applied Science degrees aim to give you the specific skills, knowledge and awareness you'll need for a career in your chosen field. These multi-disciplinary degrees combine fundamental sciences with a specific Science discipline.

For details on the Master of Applied Science (Biological Science, see **page 143**).

A number of other Applied Science degrees are covered elsewhere in this course guide. For a full list of Applied Science degrees please see tables on **pages 147–152** or visit utas.edu.au/courses.

Aquatic Biology

Aquatic Biology can be studied as a major in the Bachelor of Science (**page 142**). You will learn about the biology of aquatic animals, their phylogenetic relationships, anatomy, physiology and life history.

For information regarding other aquatic and marine related courses, please see the **Marine and Antarctic** chapter.

Biochemistry

Biochemistry can be taken as a major in the Bachelor of Science (see **page 142**).

Biochemistry looks at life from inside out. You'll explore how living organisms function from both a molecular and cellular perspective. The course provides an essential basis for detailed understanding of biology and medicine.

Biotechnology, Biomedical and Medical Research

Medical and biomedical research and biotechnology are rapidly growing fields of scientific endeavour. They focus on the biology of human health and disease, and develop new procedures, technologies and therapeutic agents to improve human health, agricultural production and animal health.

See our **Medicine, Health Sciences and Community Care** chapter for information about our Bachelor of Biotechnology and Medical Research and Bachelor of Medical Research.

Chemistry

Chemistry can be studied as a major as part of the Bachelor of Science (see **page 142**) or through the Master of Applied Science (Chemistry) on **page 143**.

Chemistry is the study of chemical and physical properties of substances. The course provides training in analytical and industrial chemistry as well as areas of biological chemistry.

It also provides a solid foundation for anyone needing chemistry to support specialist studies in other disciplines, such as biotechnology, biochemistry and microbiology.

Computing and Information Technology

Computer Science is a major of the Bachelor of Science. Students gain a wide range of experience with computing techniques, and learn to develop technical solutions for different end users' needs. Students will develop skills in programming, database design and deployment, networking, artificial intelligence, mobile applications, and web design, as well as gaining experience of interacting with real clients to produce quality software products.

Information and Communication Technology (ICT) is its own specialisation. If you would like more detailed information of degree options in ICT, please refer to the **Computing and IT** chapter.

Engineering

This chapter covers many Engineering related disciplines such as Physics, Chemistry, and Mathematics.

For Engineering specific degrees, please refer to the **Engineering** chapter.

Environmental Science

We offer a number of excellent options for studying Environmental Science. If you wish to study Environmental Science, please refer to the **Agriculture and Environmental Science** chapter.

If you wish to study Natural Environment and Wilderness Studies please visit utas.edu.au/courses.

Geography and Environmental Studies

Geography and Environmental Studies is a Bachelor of Science major, which examines patterns on the globe of climate, landforms, life, societies, cultures and economies and can lead to careers in environmental and social planning and management and strongly complements other natural and social sciences.

Geography can also be taken at the undergraduate level as a major through the Bachelor of Arts (see **page 54**).

For postgraduate options please refer to the **Agriculture and Environmental Science** chapter or visit utas.edu.au/courses.

Geology

We offer geology as a Bachelor of Science major (see **page 142**) and at postgraduate level through the Master of Economic Geology (see **page 145**).

Geology is the study of the Earth. You'll examine tectonic processes leading to volcanic eruptions, earthquakes, and the generation of mineral, petroleum and water deposits in the Earth's crust.

Areas of study can include Geophysics (the structure, composition and location of mineral, water, oil and gas deposits), Environmental Geology, Geochemistry, Petroleum Geology and Economic Geology.

Health Science

Health Science is its own specialisation.

If you would like more detailed information of degree options in Health Science please refer to the **Medicine, Health Sciences and Community Care** chapter or visit utas.edu.au/courses.

Marine and Antarctic Science

Marine and Antarctic Science is its own specialisation.

If you would like more detailed information of degree options in Marine and Antarctic Science please refer to the **Marine and Antarctic Science** chapter.

Marine Environment

For specific information on Marine Environment, including Aquaculture, Marine Conservation and Fisheries Management, please see the Bachelor of Applied Science (Marine Environment) in the **Marine and Antarctic Science** chapter.

Mathematics

There are five mathematics majors available as part of the Bachelor of Science:

- Applied Mathematics
- General Mathematics
- Pure Mathematics
- Statistics and Applied Mathematics
- Statistics and Operations Research

Apart from traditional roles in physical sciences, mathematics is now a key component in the analysis of financial markets, coding and cryptography, the design of computer networks and weather and climate modelling. Mathematics can be used to solve problems in fields that range from psychology and chemistry to engineering, biology, commerce and information technology.

Microbiology

Microbiology looks at how microorganisms work and their role in our world. From bacteria and viruses to fungi, single-celled animals and algae, microorganisms are fundamental to the basic nutrient and biogeochemical cycles that underpin life on Earth. Your study could range anywhere from the study of infectious diseases to the production of a vast array of foods and chemicals.

At an undergraduate level, microbiology is studied as a major as part of the Bachelor of Science.

Those wishing to take microbiology at an advanced level in their postgraduate studies might consider studying:

- Master of Applied Science (Microbiology) (see **page 144**)
- Master of Applied Science (Food Safety) (see **page 28**)

Physics

This major is part of the Bachelor of Science. Physics extends and enhances our understanding of the other science disciplines. It is the foundation of engineering and technology, contributes to technological infrastructure and provides a basis for an understanding of biology, chemistry, geology and other physical and biomedical sciences. It is also the basis for those interested in pursuing astronomy.

Plant Science

This can be studied as a major as part of the Bachelor of Science or at a postgraduate level through the Master of Applied Science (Biological Sciences), see **page 143**.

Plant Science examines all aspects of plants and their impact on human life. You'll study how plants are intrinsic to producing food, fibre for clothing, wood for furniture, shelter and fuel, paper for books, spices for flavour, drugs for medicines, beautifying public and private spaces and providing the oxygen we breathe.

Psychology

We offer a range of courses that allow you to explore psychology. These include taking majors or minors in psychology through a Science, Bachelors in Arts, Social Science, or Psychological Science as well as postgraduate degrees that may allow you to practice as a psychologist.

For details on studying psychology please see the **Medicine, Health Sciences and Community Care** chapter or visit utas.edu.au/courses.

Surveying and Spatial Sciences

Surveyors and spatial scientists use technologies to collect, analyse and model data about spatial information.

We offer a number of options for exploring this exciting field of science. At the undergraduate level you may take GIS and remote sensing as a major. You can also take a Bachelor of Surveying and Spatial Sciences.

postgraduate students may wish to undertake a Master of Applied Science (Environmental management and Spatial Science).

These degrees can be applied to any aspect of industry, science and society that need high quality information to make reliable decisions, be it for mining, government, development, environment or business.

For more information please see the **Agriculture and Environmental Science** chapter.

Zoology

This can be studied at undergraduate level as a major in the Bachelor of Science or at a postgraduate level through the Master of Applied Science (Biological Sciences) (**page 143**).

Zoology is the study of animal life. It looks at how animals are built, how they work, how they behave, their evolutionary relationships and how they interact with other animals, plants, organisms and the physical environment.

Undergraduate courses

▼ Bachelor of Science

Duration	Three years
Entry	February and July
Location	Hobart [#] , Launceston [^]
Course code	730
CRICOS Code	002059J
Indicative ATAR	65

This course gives you a sound understanding of the fundamentals of science and scientific method, an appreciation of how individual disciplines fit together in an organisation and the specialist knowledge you'll need to create a rewarding career.

During the course of your studies, you'll develop problem-solving and research expertise as well as keen written and interpersonal communication skills.

Additional prerequisites

While some majors require additional prerequisites, we recommend science subjects related to your choice of major such as physical sciences, biology, geography or computer science.

Majors

- Applied Mathematics (Hobart)
- Aquatic Biology (Launceston)*
- Biochemistry (Hobart)
- Chemistry (Hobart)
- Computer Science (Hobart and Launceston)
- General Mathematics (Hobart)
- Geographic Information Systems and Remote Sensing (Hobart)
- Geography & Environmental Studies (Hobart and Launceston)
- Geology (Hobart)
- Microbiology (Hobart)
- Physics (Hobart)
- Plant Science (Hobart)
- Psychology (Hobart and Launceston)
- Pure Mathematics (Hobart)
- Statistics and Applied Mathematics (Hobart)
- Statistics and Operations Research (Hobart)
- Tourism (Hobart) (2nd Major only)
- Zoology (Hobart)

Double or Combined Degrees

A Bachelor of Science can also be combined with bachelor degrees in Arts, Business, Economics, Engineering (Honours), Information and Communication Technology, and Laws.

Other Related Undergraduate Degrees

If you are interested in the science field, you may also be interested in looking at all of the following chapters:

- Agriculture and Environmental Sciences chapter
- Engineering chapter
- Marine and Antarctic Sciences chapter
- Medicine, Health Sciences and Community Care chapter

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.

[#] Not all majors are available at all campuses.

[^] Limited unit offering.

* This major is only available in Launceston. Students wishing to major in Aquatic Biology should discuss their study options with faculty prior to finalising decisions.

Postgraduate courses

▼ Master of Applied Sciences (Biological Sciences)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7J2
CRICOS Code	081318G

If you are interested in further developing your knowledge of plant sciences and/or zoology, this applied sciences degree is for you.

In addition to core subjects, and elective subjects in your chosen areas, you will also undertake research, providing you with the advanced research skills that can lead to workplace research or a higher degree course.

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on level of qualifications on entry, and discipline preparedness of the specific candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

Applicants must have sound evidence in the application of laboratory skills to a standard set by the University of Tasmania.

3 Semester Prerequisites

Bachelor degree in a science field with a major in Biological Sciences.

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in Biological Sciences.

Common

IELTS of at least 6.0 or above. Students with an IELTS below 6.0 will undertake a foundation semester (or equivalent) within the Master of Applied Science focusing on oral and written English and scientific writing.

▼ Master of Applied Science (Chemistry)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7J3
CRICOS Code	033211E

What makes a good cheese? Why do compounds react in certain ways? How do chemicals interact with plants and animals? How can we best analyse the minute residues available in forensic science? All of these questions require a good understanding of the molecular basis of compounds, and the way that molecules interact with each other and with the environment.

Chemistry uses sophisticated techniques to probe and measure these interactions at the molecular level.

A graduate in Chemistry will end up in a variety of occupations, ranging from research and industrial laboratory work through to teaching and project management.

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on level of qualifications on entry, and discipline preparedness of the specific candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

Applicants must have sound evidence in the application of laboratory skills to a standard set by the University of Tasmania.

3 Semester Prerequisites

Bachelor degree in a science field with a major in Chemistry

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in Chemistry.

Common

IELTS of at least 6.0 or above. Students with an IELTS below 6.0 will undertake a foundation semester (or equivalent) within the Master of Applied Science focusing on oral and written English and scientific writing.

▼ Master of Applied Science (Microbiology)

Duration	Two years
Entry	February and July
Location	Hobart
Course code	K7J6
CRICOS Code	033209K

Our specialisation in microbiology focuses on microbial ecology, food, medical and environmental microbiology to improve our health and environment. You will gain an in-depth insight into current microbial research in general and clinical microbiology and develop a capacity for independent research and problem-solving that can lead to workplace research and/or a degree by higher research.

Entry requirements

The Master of Applied Science may be completed in 3 or 4 semesters depending on level of qualifications on entry, and discipline preparedness of the specific candidate. Applicants must demonstrate their qualification(s) were conferred no longer than 10 years previously.

Applicants must have sound evidence in the application of laboratory skills to a standard set by the University of Tasmania.

3 Semester Prerequisites

Bachelor degree in a science field with a major in Microbiology.

4 Semester Prerequisites

Bachelor degree in a science related area, and some background (e.g. minor sequence) in Microbiology.

Common

IELTS of at least 6.0 or above. Students with an IELTS below 6.0 will undertake a foundation semester (or equivalent) within the Master of Applied Science focusing on oral and written English and scientific writing.

▼ Master of Economic Geology

Duration	Two years full time Up to a maximum of five years part-time (distance)
Entry	February and July
Location	Hobart, Distance
Course code	S7W
CRICOS Code	010959F

Would you like to broaden your knowledge of mineral deposit geology while adding the world's most comprehensive postgraduate mineral exploration and mining geology degree to your CV? If so, then the Master of Economic Geology (MEconGeol) could be just what you are looking for.

The MEconGeol is designed for working geoscientists and provides a thorough update on the latest developments in economic geology and mineral exploration, delivered by a team of highly qualified national and international presenters from both industry and academia.

Through a series of intensive, two-week short courses, the program emphasises practical content, and includes research opportunities and field excursions to diverse locations — from the arid plateau of the Atacama Desert in Chile, to Amazon rainforest, the snow-capped heights of the Andes and the spectacular modern volcanic landforms of New Zealand.

Partners

The Master of Economic Geology degree at the University of Tasmania (UTAS) is run by CODES — The Australian Research Council Centre of Excellence in Ore Deposits. It forms part of the Australian Minerals Geoscience Masters (MGM) program. Partner institutions in the MGM are UTAS, the University of Western Australia and James Cook University (JCU).

Entry requirements

A Bachelor of Science (Honours), or a Bachelor of Science (majoring in geoscience) with at least two years' industry experience.

Additional information

The course is usually only offered on a part-time, external basis. Only students that can provide evidence of financial and logistical support, and provide a research proposal will be considered for full-time admission. Students that are considering taking the course on a full-time basis must contact the program co-ordinator, Dr Rob Scott, to discuss their plans.

International students who undertake the degree on a full-time basis (i.e. two years based at UTAS) must complete a research thesis as part of their degree and require a Student Visa to enter Australia. The proposed research project must be specified and proof of funding support provided at the time of the initial application to UTAS.

International students based outside Australia and completing the degree part-time may do a research thesis or complete the degree by coursework only. International students who undertake the degree on a part-time basis do not need a Student Visa to enter Australia to attend coursework units.

No scholarships are available for this degree.

Other Related Postgraduate Degrees

If you are interested in the Science field, you may also be interested in looking at the following chapters:

Computing and IT chapter
– Master of Information Technology and Systems

Marine and Antarctic chapter
– Master of Applied Science (Marine Environment)
– Master of Marine and Antarctic Science

For a full course list please see tables on **pages 147–152** or visit utas.edu.au/courses.



Courses available to international students



The following tables list courses by faculty which are available to international students at the University. Courses and details are subject to change. Please visit utas.edu.au/courses for an up to date list.

AMC

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Maritime and Logistics Management	Diploma	25,000	1	1, 2	50	L, D
Applied Science (Nautical Science)	Advanced Diploma	23,500	2	Variable	60	L
Maritime and Logistics Management	Associate Degree	25,000	2	1, 2	65	L, D
Applied Science (Marine Electrotechnology)	Bachelor	21,500	3	Variable	60	L
Applied Science (Marine Engineering) (page 120)	Bachelor	23,500	4	Variable	60	L
Applied Science (Maritime Technology Management) (page 119)	Bachelor	27,000	3	1, 2	65	L, D
Applied Science (Nautical Science) (page 119)	Bachelor	23,500	4.5	Variable	60	L
Business (Maritime and Logistics Management) (page 65)	Bachelor	27,000	3	1, 2	65	L, D
Engineering (Marine and Offshore Engineering) (Honours) (page 93)	Bachelor	32,500	4	1	70	L
Engineering (Naval Architecture) (Honours) (page 94)	Bachelor	32,500	4	1	70	L
Engineering (Ocean Engineering) (Honours) (page 94)	Bachelor	32,500	4	1	70	L
International Logistics (Freight Forwarding) (page 67)	Bachelor	25,000	3	1, 2	65	L, D
Postgraduate						
Business Administration (Advanced) (Maritime and Logistics Management) (page 69)	Master	31,500	2	1, 2		L, D
Business Administration (Marine Environment and Management)	Master	31,000	1.5	1, 2		L, D
Business Administration (Maritime and Logistics Management)	Master	31,000	1.5	1, 2		L, D
Business Administration (Maritime Technology Management)	Master	31,000	1.5	1, 2		L, D
Business Administration (Shipping and Maritime Management)	Master	24,000	1.5	1, 2		L, D
Engineering (Maritime Design) (page 95)	Master	30,000	2	1, 2		L
Marine Engineering (Naval Engineering) (page 95)	Master	30,000	1.5	1, 2		L, D
Marine Engineering (Technology Management) (page 95)	Master	30,000	1.5	1, 2		L, D

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Arts

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Music Studies	Associate Degree	25,500	2	1, 2	n/a	H
Arts (page 54)	Bachelor	24,500	3	1, 2	65	H, L
Contemporary Arts (page 44)	Bachelor	25,500	3	1, 2	n/a	L
Fine Arts (page 44)	Bachelor	25,500	3	1, 2	n/a	H
Music (page 44)	Bachelor	25,500	3	1, 2	n/a	H
Musical Arts	Bachelor	25,500	3	1, 2	n/a	H
Social Science (page 55)	Bachelor	24,500	3	1, 2	65	H, L
Social Science (Police Studies)	Bachelor	24,500	3	1, 2	n/a	H, L
Social Work (page 131)	Bachelor	24,500	2	1	n/a	H, L
Visual Communication (page 45)	Bachelor	25,500	3	1, 2	n/a	H
Postgraduate						
Professional Music Practice	Graduate Diploma	25,500	1	1, 2	n/a	H
Contemporary Arts (Specialisation)	Master	29,000	1.5	1, 2		L
Fine Art and Design (page 46)	Master	29,000	1.5	1, 2		H
International Politics (page 56)	Master	26,500	1.5	1, 2		H
Journalism, Media and Communications (page 56)	Master	26,500	2	1, 2		H
Music (page 46)	Master	29,000	2	1, 2		H
Music Studies	Master	29,000	1.5	1, 2		H
Police Studies	Master	26,500	1.5	1, 2		H
Public Administration (International) (page 57)	Master	26,500	1.5	1, 2		H
Public Policy (page 57)	Master	26,500	1.5	1, 2		H
Social Work (page 134)	Master	26,500	2	1		H, L
Visual Communication (page 46)	Master	29,000	1.5	1, 2		H

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TSBE

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Business (page 63)	Bachelor	25,000	3	1, 2	65	H, L
Business Administration (page 63)	Bachelor	25,000	2	1, 2	n/a	H, L
Business Administration (Hospitality Management) (page 64)	Bachelor	25,000	2	5	n/a	H
Business Administration (Tourism Management) (page 65)	Bachelor	25,000	2	5	n/a	H
Economics (page 67)	Bachelor	25,000	3	1, 2	65	H
Postgraduate						
Business Administration (page 69)	Master	32,500	1.5	1, 2		H
Business Administration (Professional)	Master	32,500	1.5	1, 2		H, L, D
Business Administration (Specialisation) (page 69)	Master	32,500	2	1, 2		H
Finance	Master	29,500	1.5	1, 2		H
Finance (Specialisation)	Master	29,500	2	1, 2		H, L
International Business (page 70)	Master	29,500	1.5	1, 2		H
International Business (Specialisation)	Master	29,500	2	1, 2		H
Management	Master	29,500	1.5	1, 2		H, D
Marketing Management (page 70)	Master	32,500	1.5	1		H
Professional Accounting	Master	29,500	1.5	1, 2		H
Professional Accounting (Specialisation) (page 71)	Master	29,500	2	1, 2		H

Education

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Education (Early Childhood) (page 83)	Bachelor	23,500	4	1, 2	65	L
Education (Primary) (page 83)	Bachelor	23,500	4	1, 2	65	L
Education (Health and Physical Education)	Bachelor	23,500	4	1, 2	65	L
Postgraduate						
Education (TESOL) (page 84)	Master	24,000	1.5	1, 2		L
Teaching (page 84)	Master	24,000	2	1, 2		H

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Health

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Biomedical Science (page 127)	Bachelor	28,000	3.5	1	75	L
Biotechnology and Medical Research (page 127)	Bachelor	26,500	3	1, 2	85	H
Exercise Science	Bachelor	27,500	3.5	1	75	L
Health	Bachelor	24,000	3	1, 2	65	H, L
Health Science	Bachelor	24,000	3	1	65	L
Health Science (Environmental Health)	Bachelor	26,500	3.5	1	70	L
Medical Research (page 128)	Bachelor	25,000	3	1, 2	85	H
Medicine-Surgery (page 128)	Bachelor	57,000	5	1	95	H
Nursing (page 129)	Bachelor	26,500	3	1	65	L
Nursing (Fast Track)	Bachelor	26,500	2	1	75	H
Pharmacy (page 130)	Bachelor	28,000	4	1	80	H
Pharmacy (mid-year intake)	Bachelor	28,000	3.5	2	80	H
Psychology (Honours)*	Bachelor	28,000	1	1, 2	n/a	H, L
Psychological Science (page 131)	Bachelor	28,000	3	1, 2	65	H, L
Postgraduate						
Biomedical Science	Master	26,500	2	2		L
Pharmaceutical Science (page 133)	Master	25,000	2	1, 2		H
Professional Psychology (page 134)	Master	28,000	1	1		H
Psychology (Clinical) (page 133)	Master	28,000	2	1		H

* Only the 4th year of Bachelor of Psychology (Honours) is currently available to international students.

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IMAS

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Applied Science (Marine Environment)	Associate Degree	26,500	2	1, 2	60	L
Aquaculture	Associate Degree	26,500	2	1, 2	n/a	L
Applied Science (Marine Environment) (page 109)	Bachelor	26,500	3	1, 2	60	L
Marine and Antarctic Science (page 109)	Bachelor	26,500	3	1, 2	65	H
Postgraduate						
Applied Science (Marine Environment)	Master	26,500	1.5	1, 2		L
Applied Science (Marine Environment) (page 111)	Master with Honours	25,500	2	1, 2		L
Marine and Antarctic Science (page 112)	Master	26,500	1.5	1		H

Law

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU\$)**	DURATION (YEARS)	INTAKE (SEMESTER)	ATAR	LOCATION
Undergraduate						
Laws (Direct Entry) (page 101)	Bachelor	25,500	4	4	90	H
Postgraduate						
Parliamentary Law and Practice	Graduate Certificate	25,500	0.5	2		H
Legal Practice (page 102)	Graduate Diploma	18,000	0.5	1		H

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SET

SUBJECT	DEGREE TYPE	ANNUAL FEE (AU)**	DURATION (YEARS)	INTAKE	ATAR	LOCATION
Undergraduate						
Furniture Design (page 35)	Associate Degree	22,500	2	1	n/a	L
Agricultural Science (page 25)	Bachelor	32,500	4	1, 2	65	H
Animal Science	Bachelor	31,500	3	1, 2	65	H
Applied Science (Agriculture and Business) (page 25)	Bachelor	32,500	3	1, 2	65	H
Applied Science (Environmental Science) (page 26)	Bachelor	26,500	3	1, 2	65	L
Engineering (Honours) (page 93)	Bachelor	28,500	4	1	70	H
Environmental Design (page 35)	Bachelor	22,500	3	1	65	L
Information and Communication Technology (page 76)	Bachelor	25,500	3	1, 2	65	H, L
Natural Environment and Wilderness Studies	Bachelor	26,500	3	1, 2	65	H
Science (page 142)	Bachelor	26,500	3	1, 2	65	H
Surveying and Spatial Sciences	Bachelor	28,500	3	1	65	H
Postgraduate						
Land Surveying	Graduate Diploma	26,500	1	1		H
Applied Science (Agricultural Science) (page 27)	Master	25,500	2	1, 2		H
Applied Science (Biological Sciences) (page 143)	Master	25,500	2	1, 2		H
Applied Science (Chemistry) (page 143)	Master	25,500	2	1, 2		H
Applied Science (Environmental Management and Spatial Sciences) (page 27)	Master	25,500	2	1, 2		H
Applied Science (Food Safety) (page 28)	Master	25,500	2	1		H
Applied Science (Microbiology) (page 144)	Master	25,500	2	1, 2		H
Applied Science (Physics)	Master	25,500	2	2		H
Architecture (page 36)	Master	24,000	2	1		L
Economic Geology (page 145)	Master	26,500	2	1, 2		H
Environmental Governance (Oceans, Polar and Climate) (page 111)	Master	29,000	1	2		H
Environmental Management (page 28)	Master	26,500	1.5	1,2		H
Environmental Planning	Master	26,500	2	1, 2		H
Information Technology and Systems (page 77)	Master	27,500	2	1, 2		H
Protected Area Governance and Management (page 28)	Master	23,000	2	1, 2		H

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ATAR conversion table



ATAR conversion Table

ATAR GRADE PERCENTAGE	50 D 50%	55 C- 55%	60 C 60%	65 C+ 65%	70 B- 70%	75 B 75%	80 B+ 80%	85 A- 85%	90 A 90%	95+ A+ 95%
Malaysia										
Sijil Tinggi Persekolahan Malaysia (STPM)	6	6	7	7	8	9	10	11	13	15
Pre-2012: Average to be calculated using top 3 grades including English and any pre-requisite subjects (A = 5, B = 4, C = 3, D = 2, E = 1).										
Sijil Tinggi Persekolahan Malaysia (STPM)	2.00	2.33	2.67	2.67	3.00	3.00	3.33	3.33	3.67	4.00
From 2012: Cumulative GPA.										
Unified Education Certificate (UEC)	Successful completion of UEC	Successful completion of UEC	Successful completion of UEC	25 (B4 avg)	22 (B3 avg)	20 (B3 avg)	18 (A2 avg)	12 (A2 avg)	10 (A1 avg)	5 (A1 avg)
Average to be calculated using top 5 grades and any pre-requisite subjects. A1=1, A2=2, B3=3, B4=4, B5=5, B6=6, C7=7, C8=8.										
Thailand										
Certificate of Education (Mathayom 6)	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
4-point GPA scale as shown on the final transcript (A= 4, B+= 3.5, B= 3, C+= 2.5, C= 2, D+= 1.5, and D= 1).										
Indonesia										
SMA3	6	7	7	8	8	9	9	9	10	10
Overall average of grades from 5th and 6th semesters.										
Singapore										
Singapore-Cambridge A Levels	6	6	7	7	8	9	10	11	13	15
Average from 3 H2 Level subjects including any pre-requisite subjects. H2 grading scale: A=5, B=4, C=3, D=2, and E=1.										
Max 2 H1 subjects may be substituted for 1 H2 subject (A=2.5, B=2, C=1.5, D=1, E=0.5) provided the H1 subject has not been taken at H2 Level.										
Calculation can be based on 2 A Level sittings that is within 10 months of each other (ie Jun 2014/Jan 2015).										

ATAR conversion Table (continued)

ATAR GRADE PERCENTAGE	50 D 50%	55 C– 55%	60 C 60%	65 C+ 65%	70 B– 70%	75 B 75%	80 B+ 80%	85 A– 85%	90 A 90%	95+ A+ 95%
International Qualifications										
International Cambridge A Levels Average from 3 A Level subjects including any pre-requisite subjects (A = 5, B = 4, C = 3, D = 2, E = 1). Max 2 AS Level subjects may be substituted for 1 A Level subject (A=2.5, B=2, C=1.5, D=1, E=0.5) provided the AS subject has not been taken at A Level. Calculation can be based on 2 A Level sittings that is within 10 months of each other (ie Jan 2014/Aug 2014).	6	6	7	7	8	9	10	11	13	15
International Baccalaureate (IB) Diploma Individual subjects scored on a scale of 1–7. All subjects taken are calculated out of a possible 45 with the minimum score being 24 (1 = Very Poor, 2 = Poor, 3 = Mediocre, 4 = Satisfactory, 5 = good, 6 = Very Good, 7 = Excellent).	24	24	24	24	24	27	29	31	34	36
China										
Senior Middle 3 (Gao San) Overall percentage for all graded subjects taken.	65%	65%	70%	70%	75%	80%	85%	85%	90%	95%
Hong Kong										
Hong Kong Diploma of Secondary Education (HKDSE) Calculated from the best 5 subjects (4 cores + 1 elective) from category A or C. Minimum Level 3 in Category A required for pre-requisites. Minimum Level 2 for other subjects. Category A scoring: Level 1 = 1, Level 2 = 2, Level 3 = 3, Level 4 = 4, Level 5 = 5, Level 5* = 5.5, and Level 5** = 6. Category C scoring: A=5, B=4, C=3, D=2, and E=1.	Minimum 11 points (Best 5 Subjects)	Minimum 12 points (Best 5 Subjects)	Minimum 13 points (Best 5 Subjects)	Minimum 15 points (Best 5 Subjects)	Minimum 16 points (Best 5 Subjects)	Minimum 16 points (Best 5 Subjects)	Minimum 19 points (Best 5 Subjects)	Minimum 21 points (Best 5 Subjects)	Minimum 22 points (Best 5 Subjects)	Minimum 23 points (Best 5 Subjects)

ATAR conversion Table (continued)

ATAR GRADE PERCENTAGE	50 D 50%	55 C- 55%	60 C 60%	65 C+ 65%	70 B- 70%	75 B 75%	80 B+ 80%	85 A- 85%	90 A 90%	95+ A+ 95%
Japan										
Upper Secondary School Certificate of Graduation (Kotogakko Sotsugyo Shosho)	2.00	2.00	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50
Overall average score for graded subjects on a 5 point scale (5 = maximum, 2 = pass and 1 = fail) Pass mark is 60%										
South Korea										
Immumgye Kodung hakkyo Choeupchang (Upper Secondary Certificate)	60%	65%	70%	75%	80%	85%	90%	95%	95%	95%
Overall percentage for all graded subjects taken. Pass = 60%										
Vietnam										
Bang Tot nghiep Pho thong Trung hoc (Upper Secondary School Graduation Diploma)										
Minimum overall average from all graded subjects taken in the final year (GPA out of 4).	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
Minimum overall average from all graded subjects taken in the final year (GPA out of 10). Must pass pre-requisite with minimum score of 6. Temporary certificate of graduation is accepted for up to one year from date of issue.	6.00	6.50	7.00	7.50	8.00	8.00	8.50	8.50	9.00	9.50
Taiwan										
Senior High School Diploma	65%	65%	70%	70%	75%	80%	85%	85%	90%	95%
Overall percentage for all subjects examined. Pass grade is 60%.										

ATAR conversion Table (continued)

ATAR GRADE PERCENTAGE	50 D 50%	55 C- 55%	60 C 60%	65 C+ 65%	70 B- 70%	75 B 75%	80 B+ 80%	85 A- 85%	90 A 90%	95+ A+ 95%
India										
All India Senior School Certificate (AISSC) Overall average for subjects excluding work experience, physical and health education and general studies	60%	60%	60%	65%	70%	75%	80%	85%	90%	95%
Indian School Certificate (ISC) Overall average for graded subjects	60%	60%	60%	65%	70%	75%	80%	85%	90%	95%
State Boards of Education (Higher Secondary Certificate) Overall average for graded subjects	70%	70%	70%	75%	80%	85%	90%	95%	95%	95%
Bhutan										
Bhutan Higher Secondary Education Certificate (Awarded by the Bhutan Board of Examinations) Aggregate calculated on the basis of the best 4 subjects. Pass grade is 40%.	65%	65%	70%	70%	75%	75%	80%	85%	90%	95%
Nepal										
Higher Secondary Certificate Overall percentage for all subjects examined.	65%	65%	70%	70%	75%	75%	80%	85%	90%	95%
Fiji										
Seventh Form Certificate Overall average for subjects excluding work experience, physical and health education and general studies.	TBC	TBC	60%	65%	70%	75%	80%	85%	90%	95%
University of the South Pacific Foundation Year Overall average for subjects excluding work experience, physical and health education and general studies.	TBC	TBC	60%	65%	70%	75%	80%	85%	90%	95%
Canada										
Ontario Secondary School Diploma (OSSD) Overall average of the best 6 Grade 12 subjects excluding workplace preparation or open courses.	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%

TBC = to be confirmed

ATAR conversion Table (continued)

ATAR GRADE PERCENTAGE	50 D 50%	55 C- 55%	60 C 60%	65 C+ 65%	70 B- 70%	75 B 75%	80 B+ 80%	85 A- 85%	90 A 90%	95+ A+ 95%
USA										
US High School Diploma										
GPA out of 4 AND SAT Test or ACT Test	TBC	TBC	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
Scholastic Aptitude Test (SAT) Composite Sat 1 Reasoning Test Score — No Advanced Placement	TBC	TBC	1310	1360	1420	1490	1570	1650	1760	1910
Enhanced ACT Assessment — No Advanced Placement Subjects	TBC	TBC	16	18	20	22	25	28	30	32
France										
Baccalaureat General	TBC	TBC	10	11	11	12	12	12	13	13
Individual subjects are marked on a scale of 1–20 (10 is the lowest passing grade).										
Germany										
Abitur	TBC	TBC	3.50	3.20	3.00	2.70	2.50	2.20	2.00	1.70
Scale of 1–5 Lower score = better mark										
South Africa										
National Senior Certificate (Awarded by UMALUSI) NQF Level 4	TBC	TBC	Average of Rating 5 (60%)	Average of Rating 5 (65%)	Average of Rating 6 (70%)	Average of Rating 6 (75%)	Average of Rating 6 (80%)	Average of Rating 7 (85%)	Average of Rating 7 (90%)	Average of Rating 7 (95%)

TBC = to be confirmed



How to apply



Applying to the University of Tasmania takes just three easy steps:

1. Choose a course

2. Prepare your documents

Electronic copies of documents required for your application may include:

- evidence of your English language proficiency (e.g. IELTS)
- your academic qualifications
- evidence of your previous studies if you're applying for recognition of prior learning
- All the documents must be originals or a certified copy.
- Processing time will be delayed if not all documents are provided on initial application.

3. Lodge your application

You can apply online at: utas.edu.au/int-apply
or
via an authorised agent.

More information about the application process is available at utas.edu.au/int-applying. If you have difficulties completing the application form, please contact International.Admissions@utas.edu.au.

IMPORTANT: If you, or your agent, submits an application without all the documents then there will be delays to the processing of your application.

Remember not to make enquiries regarding your eligibility without first completing the application procedure first.

If your application is successful, a Letter of Offer will be emailed to you or to your agent if you have one.

If your application has not been successful, an email will be sent to you. Where possible an alternative study program or pathway program will be offered.

Entry requirements



Standard University Entry Requirements

Admission to undergraduate courses at the University of Tasmania requires qualifications equivalent to Year 12 of schooling in Australia.

Students who do not meet these requirements may enrol in the Foundations Studies Program.

For more information on entry requirements visit our website utas.edu.au/international.

English Language Requirements

For those applicants who are nationals of and currently residing in a country where English is NOT the official language, evidence of an IELTS or TOEFL test must be provided.

Most of our undergraduate programs require an IELTS (Academic) of 6.0 (no band less than 5.5).

Most of our postgraduate programs require an IELTS (Academic) of 6.0 (no band less than 6.0).

For full details on our English language requirements please see utas.edu.au/international.

Undergraduate Exceptions 2016

Exceptions to the above English language requirements are noted below.

COURSE	IELTS SCORE	TOEFL SCORE	PTE ACADEMIC SCORE
Diploma of Maritime and Logistics Management	IELTS Score 5.5 (no individual band less than 5.0)	TOEFL (iBT) 46 (no score below 10)	PTE Academic 42 with no score lower than 36
Advanced Diploma in Marine Engineering	IELTS Score 5.5 (no individual band less than 5.0)	TOEFL (iBT) 46 (no score below 10)	PTE Academic 42 with no score lower than 36
Pharmacy	IELTS Score 6.5 (no individual band less than 6.0)	TOEFL (PBT) 600 TWE 4.5; TOEFL (iBT) 92 (no score below 20)	PTE Academic 58 with no score lower than 50
Law	IELTS Score 6.5 (no individual band less than 6.0)	TOEFL (PBT) 600 TWE 4.5; TOEFL (iBT) 92 (no score below 20)	PTE Academic 58 with no score lower than 50
Dementia Care	IELTS 6.5 (no individual band less than 6.5)	TOEFL (PBT) 600 TWE 5.0; TOEFL (iBT) 92 (no score below 20)	PTE Academic 58 with no score lower than 58
Nursing	IELTS 6.5 (no individual band less than 6.5)	TOEFL (PBT) 600 TWE 5.0; TOEFL (iBT) 92 (no score below 20)	PTE Academic 58 with no score lower than 58
Social Work	IELTS Score 7.0 (no individual band less than 6.5)		
Medicine/Surgery	IELTS Score 7.0 (no individual band less than 7.0)	TOEFL (PBT) 600 TWE 5.0; TOEFL (iBT) 100 (no score below 21)	PTE Academic 65 with no score lower than 65
Education	IELTS Score 7.5 (no individual band for listening and speaking less than 8.0, and writing and reading no less than 7.0)		

Glossary of terms



Universities use many specialist terms, which can sometimes be confusing. The list below explains some commonly used words that you will encounter when you begin to research your options at the University of Tasmania.

Advanced Diploma: an advanced award following completion of a specified course designed to develop skills, including significant practical experience and knowledge in a specific field of activity, leading to professional registration or meeting the needs of employers in the field, e.g. Advanced Diploma of Marine Engineering.

Associate Degree: is a course designed to provide foundation knowledge underpinning one or more discipline areas. May be taken as an award in its own right or used a pathway to bachelor degree-level study.

ATAR: the Australia Tertiary Admissions Rank is the percentile ranking of a Tertiary Entrance score, achieved once Year 12 (final year of secondary school in Australia) is completed.

Bachelor Degree: a qualification awarded at university after completion of an undergraduate course, e.g. Bachelor of Science, Bachelor of Arts.

Campus: the physical location of the University. The University has two main campuses — Hobart and Launceston.

Census date: the date by which your enrolment and all administrative details must be finalised in each semester. Students are liable for unit fees after the census date.

Course: a program of study leading to an award, e.g. the Bachelor of Health Science course. All courses are made up of individual units.



Credit: is when recognition is given for the previous successful completion of a particular course of studies and/or specific units/subjects, typically reducing the length of the University degree by a number of units or semesters.

Deferral: a process where a student, offered a place in a program, chooses to defer their starting date until a later semester/year.

Diploma: A diploma is awarded following completion of a specified course designed to develop skills, including significant practical experience and knowledge in a specific field of activity, leading to professional registration or meeting the needs of employers in the field, e.g. Diploma of Music.

Elective: a unit that counts towards the requirements of a course but which is not specified and may be chosen by the student. There are two types of electives. Student electives are units which may be chosen from either a schedule of available undergraduate units within the degree or from any other subject area within the University. Degree electives are units which may be chosen from a schedule of available units in the degree.

Faculty: a formal academic body responsible for the administration of allocated courses, with a membership largely comprised of the teaching staff of schools assigned to the faculty/ The University of Tasmania has six faculties: Arts; Business; Education; Health; Law; and Science, Engineering & Technology.

Flexible delivery: referring to the way in which a unit is taught (may include lectures, distance education, video conferencing, use of the internet, on-campus or state-wide weekends, summer school or winter school).

Grade Point Average (GPA): a numerical representation of the average grade or pass of a student across a defined number of units. Each faculty determines the method of calculation for students enrolled in its courses.

Honours: either an additional year full-time study after a three year full-time degree, predominantly spent on a research project, or, in the case of a four or more year full-time single degree, a defined higher level of expectation for meritorious students in the later stages of the course.

ISAT (International Student Admissions Test): a 3-hour computer-based multiple-choice test designed to assess a candidate's intellectual skills and abilities that are the foundation of academic success at tertiary level. The test is independently developed by the Australian Council for Educational Research (ACER) and is an entry requirement for candidates wishing to enrol in certain courses such as Medicine-Surgery.

Institute: a centre established for collaborative research and advanced teaching in a specific discipline such as Antarctic, maritime, law or medicine studies, affiliated with the University and having close association with related industry, government and/or other research organisations.

Major: an area of specialisation continued for the duration of a degree at a deeper level of content with knowledge developed to a high level providing the basis for postgraduate study.

Masters Degree: is a postgraduate program where students enrol in an approved sequence of courses involving face-to-face instruction. Some Masters programs also involve a research component.

Masters Degree by research: is primarily a self-directed research project in a topic of academic or professional interest leading to a major project or thesis.

Minor: a minor is a sequence of four units, normally in a second area of specialisation (to the major). A minor consists of two units at introductory and two levels at intermediate level.

Postgraduate (study): further study for a higher qualification following the successful completion of a bachelor degree. Postgraduate study can be undertaken by coursework or research.

Pre-requisite: a level of study or a unit which must be successfully completed before attempting a particular unit, e.g. first year university unit KRA101 Chemistry 1A has a pre-requisite of Australian year 12 Chemistry or its international/interstate equivalent; second year unit KRA211 has a pre-requisite of KRA101 Chemistry 1A.

Semester: a formal university teaching period. There are two main semesters in a year, each comprising 13 weeks of teaching: Semester 1 runs from late February to the end of May; Semester 2 runs from mid-July to mid-October. The University of Tasmania also runs summer, winter and spring semesters for some courses.

Standard University Entry Requirements: also known as General Entry Requirements (GER) are completed qualifications equivalent to an Australian Year 12 level.

Undergraduate (study): study undertaken in order to gain an associate degree, diploma, advanced diploma or bachelor degree.

Unit: a set of lectures, seminars, tutorials and/or practicals on a particular topic, and the associated assessment. Each unit has a specific code, e.g. CXA172, Anatomy and Physiology 1, and a percentage weighting, e.g. 12.5%

Weighting: the University of Tasmania weighting system for its units to determine student contribution amounts. A full-time enrolment for one year is 100% weight. Most semester-long units are weighted at 12.5% each and a full-time enrolment usually consists of four x 12.5% units in each semester.



More information



To extend your knowledge about the University of Tasmania, please visit our website. You can discover more about our history, recent research achievements, courses offered and the application process.

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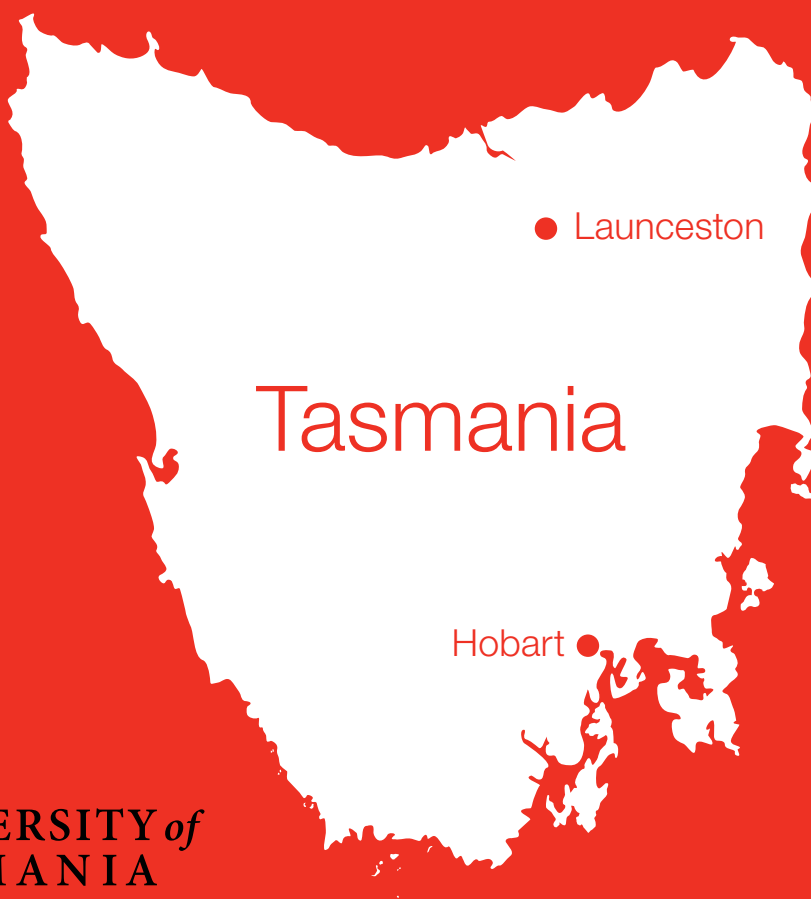
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