Dive into study.

A guide to our 2021 courses.
Your journey starts here

When you study with us, you graduate educated, experienced and ready to make an impact on the world.

We'll give you access to real industry opportunities and help you hone practical skills needed for a successful career.

Our teaching is supported by world-leading research, which means you have direct access to the best expertise. You will also get unparalleled access to industry through our close partnerships.

We're passionate about the arts, with Tasmania known around the world as a hub of creativity. As a student, you will find yourself at the heart of this artistic revolution.

No matter what you choose to study with us, we'll make sure you are inspired, informed and supported.

University is an exciting journey, and we're here to help you every step of the way.

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Agriculture

Tasmania is one of the nation’s food bowls, producing some of the world’s finest produce, wine and seafood. Learn the right skills and knowledge to meet agricultural challenges, both locally and globally at the University of Tasmania.

The Tasmanian Institute of Agriculture provides industry connected teaching and research. Gain practical experience at one of four farms maintained by the University, including dairy, vegetable and grain farming. Learn sustainable practices from our world-leading, innovative partners such as Dairy Australia. Our equity programs, including scholarships and mentoring, also encourage diversity in agriculture.

Why study Agriculture with us?

- Connect with industry leaders like Willie Smith’s, Simplot and Jansz while you study.
- Learn skills that are applicable to agriculture in countries around the world.
- Benefit from over $300,000 in scholarships for agriculture and food studies.

CAREER OPPORTUNITIES

**Agronomist**
Sustainable farming relies on primary producers receiving the most up-to-date information possible to enable sustainable and profitable decisions. As an agronomist you can work with industry to ensure Australia’s farming systems remain economically and environmentally sustainable for future generations.

**Agricultural Entrepreneur**
A focus on quality niche food products has enabled Australia’s agricultural sector to become one of the world’s great food tourism destinations. Studying agriculture and business will give you hands-on skills in agricultural science and farm management, combined with the business world of marketing and economics.

**Agribusiness Consultant**
Currency exchange rates, consumer preferences, climate and interest rates are just a few of the things that influence the business decisions that make Australia’s farming enterprises profitable. A career in agribusiness will give you the power to help both primary producers and business lenders make smart business decisions.

**Agricultural Scientist**
Sustainably feeding more people with fewer resources is a huge challenge facing the world. A career in any area of the agricultural research sector, including soils, pest and disease management, plant and animal genetics, and more, will put you on the front line of meeting this ongoing challenge.

**Food Science Consultant**
It has been estimated that we waste approximately one third of the food we create. A career in the food safety sector will provide you with the skills to reduce food waste and the impact of food pathogens.
Year 11 and 12 students, as well as alumni, are the key drivers of our ‘Feed your mind, feed the world’ camp.

Agriculture

Agricultural Science

Agricultural Science will equip you with the skills to address some of the world’s biggest challenges, and improve practices using scientific research, knowledge and skills. Studying at the Tasmanian Institute of Agriculture, your education is at the cutting-edge of agriculture and food systems concepts and ideas from around the world.

You will be globally connected through TIA’s strong connections to other research, development and education institutions around the world. Your studies will also help you develop vital workplace skills like evidence-based problem-solving, effective communication and time management.

Farming and Agricultural Business

Does going into the same office 9am to 5pm, five days a week not sound appealing? Learn how to make your great idea or family business profitable and sustainable by studying agriculture at the University of Tasmania.

Our proximity to vastly different climates means you can have diverse practical experiences from wine-making and distilling to dairy and grain production. Our island campus means you can farm from the land or sea.

There are many stages involved in bringing agricultural products to market. These stages are referred to as the ‘agricultural value chain’. While production is a large component, the supply chain also includes packaging and distribution, and in related sectors such as finance, insurance and risk management, and even governmental policy.

Agricultural Business studies emphasise the business, process, and entrepreneurial side of agriculture enterprise. You will combine studies in agriculture production to gain an understanding of what needs to happen for successful growth, with a variety of business skills including marketing, economics, management and distribution. These skills will equip you to work in a variety of careers, from the family farm to multinational companies.

Course options for Agriculture

• Bachelor of Agricultural Science
• Bachelor of Applied Science (Agriculture and Business)
• Associate Degree in Agribusiness
• Diploma of University Studies (Science Specialisation)
• Diploma of Horticultural Business*

*Course available for delivery in 2021, undergoing approval
Architecture

Leverage Tasmania’s creative revolution and design a better future by studying architecture.

Our institution’s size and location mean we are highly connected to Tasmania’s thriving creative industries. You’ll get the chance to develop briefs and projects with Tasmanian industry partners, including international arts and music festivals like Mona Foma and Ten Days on the Island, state and local governments and not-for-profit organisations.

Our graduates are known for their hands-on design and fabrication experience upon graduation, their skills in using cutting-edge technology, and their focus on creating environmentally and socially conscious design solutions.

As an Architecture student, you will develop a deeper awareness of the natural and human impacts of design, and help contribute to a sustainable future.

Why study Architecture with us?

- Develop creative and technical skills across all aspects of the built environment.
- Tasmania’s historical architecture and natural landscapes offer unique design perspectives.
- Graduate with the real design and building experience that industry wants.

Course options for Architecture

- Bachelor of Architecture and Built Environments

CAREER OPPORTUNITIES

Architect

You will employ innovation, creativity, and an eye for sustainable design as you liaise with clients to understand their needs, deliver and refine drafts, produce finalised plans ready for construction, and ensure building specifications are met.

Building Designer

Use your problem-solving skills to create places that are inclusive, inspiring, and responsive to the needs of people and the planet.

Policy and Government

Help set guidelines for the planning and expansion of cities, ensuring buildings are safe, efficient, and are designed and built in consultation with community needs.
Art, Music and Theatre

When you study at the University of Tasmania, you’ll become part of our island’s bustling creative revolution.

Our undergraduate courses give you the opportunity to work on real briefs and projects with left-of-centre festivals, world-class museums, and the cultural institutions that have put Tasmania on the world stage.

You will be mentored by teachers who are practising creatives, while connecting with the acclaimed international artists, performers and creatives drawn here.

Participate in iconic festivals such as Falls Festival and Mona Foma, and engage with international artists commissioned by Mona, TMAG, QVMAG, and more through our Artist in Residence and Arts Forum programs.

You’ll also get to study at our new performing arts facility the Hedberg in the Hobart CBD. The Hedberg combines the Theatre Royal and our Music and Theatre disciplines. Equipped with state-of-the-art variable acoustics, lighting and music technologies, the Hedberg houses purpose-built, soundproof and digitally equipped rehearsal and practice rooms, an integrated multi-room recording suite, performance spaces, and soundstage and broadcast capabilities.

Study with us and you will graduate with work-ready skills and knowledge, a portfolio of genuine projects, and a strong professional network.

Why study Art, Music and Theatre with us?

- Connect with artists and performers through our Artist in Residence, Art Forum, and masterclass programs.
- Complete real projects and graduate with a portfolio of genuine work to get an edge in the job market.
- Get the chance to work on real creative projects for massive events like Dark Mofo, Mona Foma, and Falls Festival.

Fine Arts

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

Develop your practice in creative spaces that fuel the imagination. Our campuses are located in the heart of each city’s cultural precinct: the Hedberg, Hobart’s former IXL Jam Factory, and Launceston’s historic Western Railway Yard at Inveresk.

Be a part of Tasmania’s internationally recognised creative community. Build a closer relationship with staff, students, and industry through diverse real-world projects and quality exhibition programs.

Areas of study

- Ceramics
- Drawing
- Object and Furniture
- Painting
- Photography
- Printmaking
- Sculpture
- Time-Based Media
Design
Designers shape the world we live in by creating products, environments, services and experiences that tackle a wide range of global challenges. This exciting study option provides skills, knowledge and experience to meet those challenges through a wide variety of design mediums.

You combine transferable knowledge and skills in design thinking, processes, methods, and tools, with your choice of specific skills in up to two minors across Business and Entrepreneurship, Creative Technology, Object Design, Spatial Design, and Visual Communication.

Your study experience is heavily focused on practical studio work. A wide range of skills are practised throughout the degree via design studio and design practice, experiences that allow real-world problems to be solved with a design-thinking approach, and solutions to be tested, prototyped, refined, and applied.

Areas of study
• Spatial Design
• Visual Communication
• Object Design
• Creative Technology
• Business and Entrepreneurship

Theatre and Performance
You can study the Bachelor of Arts (Theatre and Performance) at our Inveresk campus in Launceston or the newly opened Hedberg contemporary arts facility in Hobart. This course combines the best of contemporary theatre practice. At Inveresk, you’ll learn in the Annex, a dedicated, working theatre where you will develop foundational skills in the creative arts through practice-based learning.

Through critical and reflective engagement with culture, history, and theory, you will learn broadly transferable skills, including how to interpret performances and how to manage creative projects.

Music
Music is about expression and artistry across a wide range of styles. It’s also about discipline and preparation. Whether your instrument is cello, voice, or computer software, your style is jazz, hip-hop, or classical, your music is improvised, newly composed, standards, or remixed, our degree will enable you to perform and explore historical music contexts in multiple ensembles.

Studying Music with us provides world-class performance opportunities, combined with mentor-style tuition and personal attention. Opened in 2020, the Hedberg represents a new era for music and performance in Tasmania.

You can study Music Composition, Performance, Songwriting, or Music Technology, and combine subjects to increase your versatility and career opportunities. Develop your music skills, technique, expression, and knowledge with our outstanding teaching staff and in masterclasses with visiting artists. The Hedberg incorporates cutting-edge learning technologies with welcoming public spaces.

Areas of study
• Classical Composition
• Classical Music Performance
• Commercial Music Creation
• Jazz and Popular Music Performance
• Music Technology
• Songwriter
• Dual Practice (combine two areas of study)

Course options for Art, Music and Theatre
• Bachelor of Fine Arts
• Bachelor of Design
• Bachelor of Arts (Theatre and Performance)
• Bachelor of Music
• Bachelor of Arts (Music)
• Associate Degree in Applied Design
• Diploma of Creative Arts and Health
### Business and Economics

Studying Business and Economics courses at the University of Tasmania gives you great connections with local industry, so you get a real-world advantage.

Get access that you won’t find anywhere else, including internships that give you invaluable industry experience, and exposure to some of our state’s top business minds.

We embed principles of entrepreneurial thinking, strategic management and innovation across our programs, so you get the edge in your chosen career. Studying with us will give you access to the Bloomberg Lab, a real-time financial data system used by global business and financial professionals. We’re one of a small number of institutions able to offer this resource to our students.

Our accelerated Bachelor of Business teaching model means you can start your career sooner and complete your degree in just two years.

### Why study Business and Economics with us?

- Get real-world industry experience through our Corporate Internship Program.
- Study with us and get your Bachelor of Business in just two years.

### Accounting

Accountants are needed in every industry to give sound advice on the financial position of a business. We offer a professionally accredited, globally recognised qualification that you can take anywhere.

### Economics

Economists use data to understand the big questions that face people, organisations, and the world. We have been teaching Economics for more than 100 years and have produced some of Australia’s leading experts in the field.

### Environmental and Resource Economics

Explore the use, conservation and sustainable management of natural resources. Investigate topics like water management, pollution and waste, climate change and biodiversity. This major draws on Tasmania’s status as a hub for the study of natural resource management to develop the environmental policy-makers of the future.

### Finance

Careers in finance suit analytical, inquisitive thinkers who want to work closely with the decision makers in an organisation. You will learn about how banking and financial institutions operate, along with financial planning and management, investment analysis, and corporate and international finance.
Human Resource Management
The most valuable asset a business has is its people. As a human resource manager, you are key to the people power that drives any organisation. You will learn about organisational behaviour and the different ways people perform in the workplace.

Management
All businesses, from large corporations to start-ups, need skilled managers to succeed. You will learn how to lead a modern business and manage people effectively in the workplace.

Marketing
Marketing is about finding creative solutions to common problems. You’ll learn how to identify a target audience, develop strategies to reach them, and communicate effectively to drive action.

Hands-on business partnerships
Students completing a degree with the Tasmanian School of Business and Economics can apply to our Corporate Internship Program. While placed with your employer, you will tackle real-world business problems while gaining credit towards your degree.

Course options for Business and Economics
- Bachelor of Business
- Bachelor of Economics
- Associate Degree in Applied Business
- Associate Degree in Applied Business (Specialisation)
- Diploma of Construction Management
- Diploma of University Studies (Business Specialisation)
Computing and IT

Studying Computing and IT courses at the University of Tasmania will give you the skills and knowledge to drive innovation and collaboration in every industry around the world.

We know that every industry has Information and Communication Technology (ICT) at its core, and some of humanity’s most exciting innovations are being delivered by the global development and implementation of technology.

That’s why our degrees offer core knowledge and specialist units across the complete spectrum of ICT. They range from non-technical areas such as the nature of information and the organisational need for 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.

If you want a future-proof career that will always be in demand, then studying Computing and IT is for you.

CAREER OPPORTUNITIES

Cyber Security Analyst
Help prevent cyber attacks and theft of financial data and personal information through expert understanding of networks, firewalls, encryption and hardware.

Software Developer
Do you love solving problems when it comes to technology? Apps, computer games, cloud systems and the AI behind autonomous vehicles are all created by software developers, fulfilling the needs of consumers, businesses and organisations around the world.

Data Scientist
Data scientists are involved in both gathering and validating information from multiple sources, as well as building models and presenting data visualisations that help organisations to make informed decisions. Data is a universal language, so you will be in global demand.

Video Games Developer
Create video games and augmented reality for recreation and education. These are also used to drive sustainability and to help people rehabilitate from injury.

Business Analyst
A business analyst has the skills required to satisfy business needs with IT resources. This could be implementing systems to improve efficiencies, overcome strategic challenges or design solutions for sustainable growth.

Why study Computing and IT with us?

Learn from lecturers who are also games developers who run their own tech companies.

Major in Games and Creative Technology and graduate ready to work in the industry.

Birdsong is a citizen-science ICT software project used to identify bird calls and help map the locations of endangered species.
Information and Communication Technology

We combine information systems, information technology, and computer science with a range of experiential learning and professional practice opportunities. This means you will graduate with an extensive range of technical skills tailored for your desired career sector, plus the skills demanded by the modern workplace, like teamwork, communication, project management and business analysis.

Your study experience is underpinned by core subjects that develop you as an ICT professional, providing the skills and knowledge necessary to implement technical solutions in business environments. You can also choose specialist skills from an exciting new range of majors.

Business Analysis
Learn the complex process of identifying problems within a business and developing ICT-based solutions supported by industry best practices. You will also learn project management and communication skills that provide the much needed link between business and technical experts.

Cyber Security
The highly connected world we live in is filled with threats to our systems and devices. Studying Cyber Security will enable you to get a foundational understanding of these risks, including the fundamentals of encryption systems, and how to protect businesses and systems of various sizes.

Data Science
Big data is now a core function within government, commerce, and science. You will get the opportunity to explore new kinds of data, the tools for processing it, and to learn how to capture, manipulate and process huge volumes of digital data and transform it into usable information.

Games and Creative Technology
This study option provides a detailed understanding of the processes and technologies used in the development of games and interactive systems. You will learn to design, model and program with industry-leading technologies, tools and languages including VR/AR technology that is applied in the game and multimedia industries today.

Software Development
Have a passion for writing code? Software development provides an opportunity to strengthen your programming skills to construct complex software systems. Gain the skills and knowledge to engineer standalone mobile, networked, multicore and web-based software systems.

Course options for Computing and IT
- Bachelor of Information and Communication Technology
- Associate Degree in Applied Technologies
- Diploma of University Studies (ICT Specialisation)
Dementia Care

Join us in improving the lives of those affected by dementia around the globe.

We provide students with a deep knowledge of the conditions related to dementia, including changes that occur in the brain, behaviours and needs associated with those changes, and the practical strategies necessary to help care for people living with dementia.

You will gain advanced problem-solving skills, along with an understanding of the importance of evidence-based practice. Graduates will be prepared for a range of career paths in the aged care and health sectors.

The University is home to the Wicking Dementia Research and Education Centre, a global leader in dementia research and the largest provider of dementia education. We will help you develop specialised knowledge in this field so that you can make a difference to the lives of people living with dementia.

Our courses are fully online with no exams, face-to-face study, or workplace assessments. Dedicated Student Advisers are on-hand throughout the course, providing support and guidance throughout your studies. These programs can be studied full-time or part-time.

Why study Dementia Care

Be guided by our global experts from our world-renowned Wicking Dementia Research and Education Centre.

Study at the first Australian university to offer a course specifically focused on dementia.

Study online in a flexible part-time or full-time environment.

Dementia Care

The Wicking Dementia Research and Education Centre offers undergraduate study at the diploma and bachelor’s degree level. These programs include Australia’s first degree specifically focused on dementia. It sets the benchmark for the value of the skills and knowledge graduates will bring to the aged care sector.

Students studying the Diploma of Dementia Care can also be eligible for 100% HECS waivers.

You will gain specialist knowledge in direct care, so you can make a real difference to those living with dementia, as well as their families.

Students learn from our global experts, with our education programs informed by the latest research evidence. Our courses will help you understand the health conditions associated with dementia and develop strategies to improve the quality of life for those impacted.

CAREERS IN DEMENTIA CARE

There are almost 450,000 people in Australia who are living with dementia. Without a medical breakthrough, the number is forecast to rise to almost 1 million by 2050. (Dementia Australia 2018).

Graduates from these courses may find work in a range of career paths such as in the aged care industry in both the public and private sectors, community care and service, health care or as a pathway to undertaking further study in graduate health programs.

Health workers and professionals with greater knowledge and skills in dementia care will be critical in delivering enhanced capacity to a sector which is facing an enormous challenge both now and into the future with the increasing prevalence of dementia. Graduates of our courses may be suited to the growing number of healthcare positions that include a dementia focus, as well as leadership in care organisations.

Course options for Dementia Care

- Bachelor of Dementia Care
- Diploma of Dementia Care
- Diploma of University Studies (Health Specialisation)
Design

Designers shape our world by creating products, environments, services and experiences that tackle a wide range of global challenges.

Studying Design courses with the University of Tasmania gives you the skills to design incredible products, environments and experiences. You’ll get extensive design experience and graduate with the vital skills you need.

Tasmania’s extraordinary environment and incredible creative scene, filled with art, festivals and innovation will give you the inspiration and opportunity to kick-start your design career.

Why study Design with us?

- Get a study experience heavily focused on practical studio work.
- Use industry-standard software and workshop equipment while you study.
- Get the chance to participate in work-integrated learning through our partnerships with Mona Foma, Parks and Wildlife, and more.

CAREER OPPORTUNITIES

Product Designer
This career blends form and function, producing useful and desirable products across a range of industries including electronics, health, wearables, and furniture.

Event Designer
Consider the themes, intentions, locations, audiences and resources of events. Create immersive, atmospheric and enjoyable experiences.

Design Futurist
Gain knowledge, skills and experience for diverse career paths in future industries such as design for health, food innovation, eco-tourism, social enterprise, and future trend forecasting.
You will combine transferable knowledge and skills in design thinking, processes, methods, and tools, with your choice of specific skills in up to two minors across Business and Entrepreneurship, Creative Technology, Object Design, Spatial Design, and Visual Communication.

Your study experience includes extensive design studio and design practice experiences throughout your degree. Each design studio focuses on a unique real-world problem where you develop, test, refine and apply your design skills using a range of technologies and techniques in collaboration with internationally renowned designers, and local community and industry partners.

**Business and Entrepreneurship**
Gain the professional knowledge and skills to work with teams or create your own business. Combine your creativity with key areas of business: project design, budgeting, management, communication and marketing.

**Creative Technology**
Create new virtual worlds and possibilities through learning about web and game design, interactive design, and gaming and coding, combining your creativity with technology to enhance human experience and design possibilities.

**Object Design**
Pursue your passion for hands-on making and materials, while developing skills and knowledge in craft and digital fabrication processes and manufacturing. Perfect for a career in furniture design, industrial design, and the design of wearable objects.

**Spatial Design**
Combine knowledge and skills from the fields of architecture, interior, landscape and urban design to pursue careers in areas like exhibition and event design, or fabrication of pop-ups across a range of industries.

**Visual Communication**
Engage your creativity in the multidisciplinary practice of visual communication and pursue a career in traditional fields such as graphic design, or explore new horizons in contemporary spaces, galleries and interpretation sites.

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### Course options for Design

- Bachelor of Design
- Associate Degree in Applied Design
- Associate Degree in Equipment Design and Technology
Education and Teaching

As a teacher, you will have the power to inspire students and make an impact on their futures.

At the University of Tasmania, our Education and Teaching courses will give you core teaching skills in leadership, communication, and organisation. While studying, you will get the chance to undergo a placement in a real school. As a graduate, you will be amongst the leaders in the country in literacy and numeracy. As an educator, you will be engaged in the collaborative and welcoming environment of lifelong learning and experience.

Our range of courses will make you a skilled educator, enriching your expertise and advancing your career. You will be empowered to influence tomorrow’s leaders, inspiring and motivating your students to make change in the world.

Why study Education and teaching with us?

- Get an accredited teaching qualification that lets you teach anywhere in Australia.
- Over 94% of our recent Education graduates found employment.
- Get practical placements teaching in real classrooms.

CAREER OPPORTUNITIES

- Childcare centre manager
- Communications professional
- Early childhood teacher
- Health and physical education teacher (primary or secondary)
- Industry-based trainer
- Personal trainer
- Primary teacher (public or private)
- Secondary teacher (public or private)
- Sport and recreation facilitator
- TAFE/applied learning teacher
- Teacher’s aide
- Trainer for defence, emergency and law enforcement
- Web-based teacher
Our Bachelor of Education offers study areas in Primary, Secondary, Early Childhood, and Vocational Teaching qualifications, alongside other education and learning career options such as Education Support and Health and Physical Education.

Early Childhood
This course will give you the skills and confidence to teach children from birth to age eight. It focuses on teaching in professional settings including early childhood centres, kindergartens, and the early years of schooling. This degree is a professionally accredited Initial Teacher Education program approved by the Teachers Registration Board of Tasmania and is recognised Australia-wide.

Primary Teaching
This degree prepares you for roles in primary teaching from Prep to Year 6 and includes the opportunity to specialise in a choice of three subject areas: English, Languages, or Mathematics. This degree is a professionally accredited Initial Teacher Education program approved by the Teachers Registration Board of Tasmania and is recognised Australia-wide.

Health and Physical Education
This course has been designed to produce teachers who can inspire people to be healthy for life. Upon graduation, you will be qualified to teach Health and Physical Education from Year 7 through to Year 12 (in both public and private sectors), Australia-wide and internationally. The course focuses on the many dimensions of health and wellbeing, including physical, emotional, and social. This degree is a professionally accredited Initial Teacher Education program approved by the Teachers Registration Board of Tasmania and is recognised Australia-wide.

Applied Learning
These degrees are for educators in the TAFE and VET sectors to enhance their teaching capabilities and qualifications, or for qualified trade professionals wanting to teach technology in secondary schools. These degrees are also designed as a pathway for school leavers, with relevant certificates and work experience, to move into the technologies curriculum area.

Education Support
This two-year degree is designed to give you a qualification to work in education settings to support teachers, or to work in education settings other than schools. This includes museums, health support services such as family planning, and so on. You will learn aspects of education theory and practice alongside literacy, numeracy and other general education subjects. This degree is also designed to offer you a pathway into our Bachelor of Education degrees.

Master of Teaching
Build on your past studies to become a primary or secondary school teacher. This can be completed after any bachelor’s degree and can be done via an accelerated study program.

Course options for Education and Teaching
- Bachelor of Education
- Bachelor of Health and Physical Education
- Associate Degree (Education Support)
- Diploma of University Studies (Education Specialisation)
Engineering

Engineers are collaborators. They work closely with designers, scientists, technicians and other passionate specialists. Driven by discovery, they love to meet a challenge and create something new.

When you study Engineering with us, we will make sure you get an education filled with hands-on technical experience, right from your first year.

Our courses give you the skills to balance creative design, analysis and applied science. You will design, build and manage structures, machines, manufacturing processes and infrastructure.

Working with our expert researchers, you can learn all about the optimisation of alternative energy systems, such as hydro and wind-power systems, and lifesaving biomedical implants.

We also have strong industry partnerships to give you unparalleled access to lecturers and career projects, including networking opportunities.

Why study Engineering with us?

- Get the chance to design, build and drive an electric race car as part of the UTAS Motorsport Team.
- Bring engineering to the community at major events like National Science Week, Agfest, and Inspiring Australia.
- Get real hands-on experience with an 8-10 week industry placement as part of your engineering degree.

CAREERS IN ENGINEERING

**Future-focused**
Engineering is always at the cutting-edge of human development and leads the charge in creating a sustainable future for all.

**Endless opportunities**
Engineering is part of every industry on Earth. From manufacturing to energy, biomedical to space exploration, engineers are everywhere.

**Solution creators**
Engineers are applied blue-sky thinkers. They imagine inspiring developments for a bright future, and are the ones to make it happen.

**Globally relevant**
With your Washington Accord-accredited Engineering degree, your skills and knowledge are accepted in countries around the world.

**Become an innovator**
Through renewable energy, biomedical innovations, automation, driverless transport and space colonisation, engineers shape the world.
All students share a common first year before choosing a specialisation. During this time, you will study a breadth of subjects covering three core engineering topics: civil, electrical and mechanical engineering. This gives you a broad and multidisciplinary understanding of engineering theory before you select the specialisation you prefer and want to focus on for the remainder of your degree.

Civil Engineering
Civil engineers focus on designing, planning and constructing the world we live in, both above and below the ground. Projects include dams, bridges, pipelines, gas and water supply schemes, sewerage systems, roads, airports, and structures across all scales, including residential buildings. As cities grow, the role of the civil engineer becomes even more important as we balance development with sustainability, working to future proof where we live, both functionally and for the environment.

Electronics and Communications Engineering
Our world is more connected than ever, and electronics and communications engineers are designing, creating and maintaining the infrastructure that enables that global connectivity. They design and maintain 4G and emerging 5G networks, control automatic and robotic autonomous vehicles and mobile devices, and enable the safe navigation of ships and aircraft by radar and GPS. They also help improve quality of life around the world, creating bionic ears, pacemakers, and other biomedical devices, and are continually improving functionality while decreasing cost, to deliver these life-changing benefits to anyone who needs them.

Electrical and Electronics Engineering
Combining elements from both Electronics and Communications Engineering, and Electrical Power Engineering, this specialisation provides skills and knowledge applicable to both areas. Graduates may choose career paths where crossover skills are desirable, such as automation and control within the electrical power industry.

Electrical Power Engineering
Sustainably meeting global energy requirements is at the forefront of modern engineering challenges. In response, electrical power engineers manage projects across the generation, transmission, distribution and utilisation of electrical energy. They are looking to reinvent the world’s energy systems, working across a scale that crosses continents, right down to the local community, where delivering reliable, sustainable power can directly tackle poverty and save lives.

Mechanical Engineering
Mechanical engineers are involved in mechanical design, manufacture, assembly, commissioning, maintenance, safety, management, and development of policies within vast global sectors including energy, transportation, manufacturing, and automation. The largest and most complicated machines on the planet, from ships and aircraft to highly technical mechatronics and automation, need the skills and knowledge of a mechanical engineer.

Maritime Engineering
In addition to the specialisations above, we offer a range of maritime-specific engineering options through the Australian Maritime College. The Naval Architecture, Ocean Engineering, and Marine and Offshore Engineering specialisations can all lead you to an exciting career in some of the world’s largest industries.

Surveying and Spatial Sciences
If you like mathematics, problem-solving, and technology, consider Surveying and Spatial Sciences. Gain knowledge and skills to measure, map and model the world, leading to careers where you play a critical role in decisions that affect our natural and built environments, and society as a whole.

Construction Management
If you work in building or civil construction and want to take the next step in your career, this diploma will build from their technical work experience, and develop the skills required for roles like Site Supervisor, Contract Administrator, Project Management Associate and Estimating Associate.

Course options for Engineering
- Bachelor of Engineering (Specialisation) with Honours
- Bachelor of Science and Bachelor of Engineering (Specialisation) with Honours in Engineering
- Bachelor of Surveying and Spatial Sciences
- Associate Degree in Equipment Design and Technology
- Diploma of Construction Management
- Diploma of University Studies (Engineering Specialisation)
Environment

There’s no better place to get a great foundation for an environmental career than in Tasmania’s amazing living laboratory.

At the University of Tasmania we understand that protecting our precious natural environment and wilderness areas is one of the world’s great challenges. Studying Environment courses with us will help you become a leader in addressing these challenges.

The multidisciplinary nature of our study options means you can gain knowledge and skills to apply to challenges, communities, and industries around the world.

If you’re passionate about a career talking on these challenges, then studying Environment is the ideal choice for you.

Why study Environment with us?

- Use industry-leading surveying and spatial sciences equipment like drones from your first year.
- Explore the environment close to campus, as well as Tasmania’s incredible marine and land ecosystems.
- Field study begins in week 3 of your first year and continues throughout your degree.

CAREER OPPORTUNITIES

Plan sustainable cities
Integrate environmental sustainability with social concerns and goals by understanding social and natural systems and their interaction. Collaborate across multiple professions, such as surveying, planning and management, to create healthy cities and other settlements in which people live and work in harmony with the environment.

Manage protected areas
If you have a passion for the natural world, you can seek a career in parks and protected areas around the world. You can supervise tourism and research visits, collaborate on conservation efforts, and help protect vital biodiversity in some of the most beautiful locations on Earth.

Become an environmental scientist
Follow a passion for science in areas such as biology, chemistry and ecology for a career that works to create solutions to some of the most vital challenges facing society, including environmental and natural resource management, pollution monitoring, mitigation and control, water and wastewater management, and environmental policy analysis and implementation.

Conservation and resource management
Natural resources utilised for human production and activity, such as water and soil, or environments like wetlands, forests and grasslands, must have their use carefully monitored and managed by qualified professionals.

Measure and map the world
Using technology from drones to satellites, you can survey forests, investigate unexplored areas, and track sea level rise and other impacts of climate change. All while delivering the vital data that businesses and governments around the world use to make business, research and development decisions.
Environmental Science
This degree combines Biology, Chemistry, Ecology and Geography with studies in Environmental Policy and Management. It prepares you for careers that educate, guide, manage and support both private and public companies in the pursuit of sustainability and environmental understanding and management.

Natural Environment and Wilderness
This practical, field-science study option provides knowledge and skills related to the management and understanding of the natural environment, as well as geography and environmental policy.

You will learn about the relationships between people and the rest of nature, developing knowledge, experience and skills in understanding and managing natural environments and wilderness. You also customise your learning with your choice of study area:

- Ecology
  Learn about the ways in which living things interact with their environment.

- Earth Sciences
  Learn how the rocks, sediments and soils that make up the surface of the Earth have formed and how they can be conserved.

- Emergency Management
  Emergency Management is essential to any organisation. This involves the comprehensive and coordinated methods for dealing with a spectrum of environmental disasters.

- Marine Environments
  Conservation of marine ecosystems is becoming more important as the climate changes. Learn how these ecosystems work and the problems in their management.

- Natural Resource Management
  Learn about resource economics and the conservation of nature in productive landscapes.

- Spatial Sciences and Statistics
  Develop skills in using statistics, mapping techniques and remote sensing to improve environmental outcomes. Careers can be across government, private and not-for-profit industries, in areas such as nature-based tourism, natural area management and natural area interpretation.

- Society and Culture
  Learn about the ways that politics, social systems and cultural beliefs affect the nature of our environment.

Geography and Environment
Develop your understanding of the key processes and structures that shape the world at a human scale, in the context of the great issues of our time.

Your studies will develop knowledge and skills in analysing spatial and environmental relationships, and collaborating across disciplines to create solutions to complex social and environmental issues.

You can learn about the physical, environmental, social, economic and political forces that shape the ways cities grow, and develop solutions to problems like traffic congestion, housing affordability and energy security.

Surveying and Spatial Sciences
Surveyors and spatial scientists use their skills to measure, map and model our world. They play a critical role in decisions affecting society and natural and built environments.

You will gain hands-on experience with traditional land surveying equipment as well as modern technologies covering Geographic Information Systems, drones, airborne and satellite remote sensing, and global navigation satellite systems, image processing and digital photogrammetry.

Sustainable Living
Pursue a passion for sustainability through a range of exciting, multi-disciplinary study options. Specifically developed for online learning and authentic assessment, you can pick from a range of units that fall into four sustainable living-oriented categories.

Course options for Environment
- Bachelor of Environmental Science
- Bachelor of Science
- Bachelor of Science (Catalyst Program)
- Bachelor of Natural Environment and Wilderness Studies
- Bachelor of Arts
- Bachelor of Surveying and Spatial Sciences
- Diploma of Sustainable Living
- Diploma of University Studies (Science Specialisation)
Health Sciences

The health sector is always growing and there are more opportunities than ever to make a real difference to the wellbeing of society.

Studying Health Sciences at the University of Tasmania gives you exciting opportunities for clinical and non-clinical careers working with individuals, communities and workplaces.

You will have a range of resources at your fingertips, including access to our labs and clinics. Plus, you will work with members of the public to apply your learning to real-life scenarios.

You’ll learn from leading educators — both researchers and practising professionals — from a range of disciplines, giving you a strong start to your career.

We have strong partnerships with both public and private health service providers in Tasmania and NSW.

Why study Health Sciences with us?

- Learn with leading professionals in the medical sciences, both in our labs and out in the field.
- Get practical experience while you study Exercise and Sport Science at our Exercise Physiology Clinic, located on campus.

CAREER OPPORTUNITIES

- Exercise physiology
- Biomechanics
- Motor control and learning
- Health and human performance
- Nutrition

With further postgraduate study you could also pursue:

- Dietetics
- Physiotherapy
- Other allied health study
Exercise and Sports Science
This degree provides an understanding of the sciences and concepts related to physical activity and health. You will learn a wide range of human life sciences, including biochemistry, anatomy, and their practical applications. Work with elite athletes while you study and get access to incredible placement opportunities.
You could work in high-performance sport, hospitals, or private health practices. With postgraduate study you could pursue courses such as exercise physiology and physiotherapy.

Laboratory Medicine
This degree allows you to work as an accredited medical scientist in laboratories across Australia and the world. It provides instruction in professional areas including clinical chemistry, endocrinology, haematology, histopathology, microbiology, and immunology.
This degree is professionally accredited by the Australian Institute of Medical Scientists (AAMS), so that employers know graduates from the course have been specifically trained for the industry and can be employed as medical scientists.

Medical Radiation Science
This professionally accredited degree, offered by the University of Tasmania and Charles Sturt University (CSU), teaches you the use of radiation for the diagnosis and treatment of health conditions. It also teaches human biology and the use of specialised equipment.
The Bachelor of Health Science (Medical Radiation) provides the required qualification to become a medical radiation scientist. You can specialise in either diagnostic radiography, nuclear medicine or radiation therapy.
The first two years of this degree are completed with the University of Tasmania, then the final three are completed with Charles Sturt University (CSU). This means you will leave the University of Tasmania with a Bachelor of Health Science when you transfer to CSU.

Nutrition
Studying Nutrition will prepare you for a variety of careers, including health education, teaching, and public health. You will undertake practical placements, learn from experienced industry partners, and gain expertise in the social significance of good nutrition. With further postgraduate study you could also pursue courses to become an accredited practising dietitian.

Course options for Health Sciences
- Bachelor of Exercise and Sports Science
- Bachelor of Laboratory Medicine
- Bachelor of Health Science (Medical Radiation Science)
- Bachelor of Nutrition Science
- Associate Degree in Applied Health and Community Support
- Diploma of University Studies (Health Science Specialisation)
Humanities and Social Sciences

Do you want a career driving society’s cultural and social development?

Studying Humanities and Social Sciences will help you develop strong skills in critical thinking, problem solving and writing. These are attributes you can take into any career.

You will also get opportunities to undertake international exchanges, volunteering, and internships – amazing experiences that will help you build the key skills and personal qualities employers are looking for.

Studying with us in Tasmania, the whole world is at your doorstep.

In our Bachelor of Arts, you will learn how to think critically and develop high-level skills in communication, interpretation, and creativity. You could hone your language skills in a native-speaking country, take part in Buddhist studies in India, or volunteer in non-government organisations across the world.

Why study Humanities and Social Sciences with us?

- The median salary of our recent Humanities and Social Sciences graduates is $70,000 (compared to the national average of $59,500).
- 84.1% of our recent Humanities and Social Sciences graduates found employment.

Students visit the historic Cascades Female Factory, South Hobart
English and Writing
Explore the artistry and power of the written word by reading and analysing society’s most significant texts.

Languages
Studying a language can improve decision-making and memory skills, as well as expand your work and travel options. Choose from Chinese, Indonesian, Japanese, French or German.

Philosophy
Philosophy is the critical and unbiased inquiry into the questions that come before all others: What is the nature of the world? Who are we? How should we live?

History
Use a wide range of approaches to examine past events, people, processes, and relationships, to interpret their significance, origins, and outcomes.

Ancient Civilisations
Explore the cultures of the ancient Mediterranean world and their ongoing influence through the words, images, and actions of ancient people.

Gender Studies
Explore historical and contemporary representations of gender and sexuality, and the tangled relations between gender, race, class, sexuality, ethnicity and religion.

Sociology
Contribute to building a better world by understanding the issues that matter, including human rights and diplomacy.

Politics and International Relations
The study of Politics and International Relations is vitally important to the understanding and improvement of the structures that support and affect modern life.

Course options for Humanities and Social Sciences
- Bachelor of Arts
- Diploma of Languages
- Diploma of Family History
- Diploma of University Studies (Arts Specialisation)
Law and Justice Studies

Studying Law and Justice Studies courses at the University of Tasmania means you will benefit from decades of incredible legal expertise.

Our university has been teaching law since 1893 and has built an excellent reputation for academic achievement and excellence in legal teaching. Studying a Bachelor of Laws degree with our university sets you up to enter the legal profession in Australia and globally. Our graduates are significant figures in the legal profession, and many other areas of public life.

Our Bachelor of Laws and Bachelor of Justice Studies degrees are highly respected, and we provide a supportive and welcoming environment. You will develop high-level intellectual abilities, including independent and critical thinking, how to research thoroughly, and how to reason logically and systematically.

Why study Law and Justice Studies with us?

- Study one of the world's leading law study programs.
- Get the chance to take part in our mooting program and compete in national competitions.
- Get expertise in specialist areas like maritime law and climate intervention.

Law

We offer a contemporary Law curriculum with a global perspective and a focus on social justice and community service.

The Bachelor of Laws enables you to study a number of areas, including: International Law, Law of the Oceans and the Antarctic, Environmental Law, Biotechnology Law, Media Law, Criminal Law, Family Law, Corporate Law, and Intellectual Property.

After graduating with a Bachelor of Laws degree 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.

Legal Studies

If you have interest in the law and how it shapes contemporary society, but you’re not looking to practice professionally, consider the Legal Studies major (eight units). It’s an ideal choice if you’ve been working in a legal or justice-related field and would like to expand your professional knowledge and skills.

This course provides a comprehensive introduction to law, legal systems, and legal reasoning. You can also choose from a wide selection of units that explore specific areas of law, taught by experts in their field.

Justice Studies

Prepare yourself for criminal and social justice workplaces by learning independently and collaboratively about the theoretical, ethical, and practical issues related to crime and justice. Whether you choose to study Criminology, Police Studies, Social Justice and Human Rights, or Legal Studies, you will develop real-world problem-solving capabilities which can be applied in local, national, and global employment opportunities.

Course options for Humanities and Social Sciences

- Bachelor of Arts
- Bachelor of Justice Studies
- Diploma of University Studies (Arts Specialisation)
Marine and Antarctic

If you want to explore the boundless world of the marine environment, studying Marine and Environment courses at the University of Tasmania will give you the experiences and skills you need for a career where adventure never ends.

As the gateway to the Antarctic, Tasmania is one of the best locations in the world for temperate marine studies. Studying at our cutting-edge Institute for Marine and Antarctic Studies on Hobart’s waterfront, you’ll learn from leading experts and gain the skills for a career in the globally critical marine, fisheries, aquaculture, and Antarctic sectors.

Your studies will include hands-on projects, collaborative work and field trips, and significant opportunities to engage with industry and work alongside world-class researchers.

After graduation you will have the skills to work with governments and private business all over the world to realise sustainable development outcomes.

Why study Marine and Antarctic with us?

Our Marine and Antarctic Science degree is the only one of its kind in Australia.

Get amazing access to world-class researchers and temperate marine and Antarctic environments.

Connect with leading research and marine policy institutions like the Australian Antarctic Division and CSIRO.

MARINE AND ANTARCTIC CAREERS

Research careers
Studying Marine and Antarctic Science opens you up to a range of exciting career options across a whole range of marine-oriented sectors. Marine biologists research, dive and explore, while oceanographers utilise maths, physics and big data to track sea-level rise, and understand the ocean’s role in climate change.

Applied science careers
Marine resource managers help sustainably guide the use of ever-strained oceans and ecosystems, while the sustainable aquaculture industry is exporting both product and best-practice to help feed the world. Through applied applications, your passion for marine and Antarctic studies can drive local changes for global benefits.

Vital for our future
Tasmania accounts for more than half of Australia’s sustainable aquaculture exports. In addition to creating and exporting products, we are also exporting vital best practice in marine resource management around the world.

Careers in the world’s largest laboratory
Antarctica and the Southern Ocean is the largest scientific laboratory in the world. Tasmania is the global gateway to a 20 million km2 classroom, where you learn surrounded by some of the world’s best marine and Antarctic researchers.

Learn from the best, in one of the world’s best locations
The Institute for Marine and Antarctic Studies (IMAS) is a world-class centre of excellence for research and education at the University of Tasmania. IMAS attracts marine and Antarctic researchers from around the world, and is consistently ranked amongst the best in Australia and the world.
Marine and Antarctic Science
Our Marine and Antarctic Science degree is the only one of its kind in Australia and is offered at one of the best places in the world for temperate and polar marine studies. It gives you the skills and knowledge for a career in the exciting, growing and globally-critical marine, fisheries, aquaculture, and Antarctic sectors.

We offer you a choice of specialisations within the degree, covering a range of research and applied sciences. For all our study options, you will gain skills in data collection, analysis and presentation to interpret marine processes and patterns. You will be able to critically analyse and solve problems, communicate outcomes to a range of audiences, and explain the role of marine and Antarctic science in society.

Marine and Antarctic Governance
Solving complex geopolitical environmental issues requires an understanding of the science at the core of issues and communicating this information to government in a compelling way to inform policy. Take a multidisciplinary approach to learning with topics ranging from Marine Ecology to Law and International Relations.

Marine Biology
The study of marine plants and animals is a field that can provide a lifetime of rich and rewarding experiences. Careers in this area include working as a marine biologist anywhere in the world.

Marine Resource Management
With a booming world population, the stress on an already strained environment and its natural resources is being felt particularly strongly in coastal environments. This major gives you the qualifications to work towards meeting challenges now and in the future.

Physical Oceanography
The study of ocean currents, changing ocean temperatures and sea level, and the ocean’s role in the climate system, gives you the skills and knowledge to work as an oceanographer or climate or weather modeller anywhere in the world.

Sustainable Aquaculture
Sustainability is the key to the future of the aquaculture industry. Designed with industry needs in mind, you will gain knowledge and skills to create innovative processes that provide sustainable environmental, economic, and community benefits to and from the aquaculture industry. Tasmania's leading aquaculture experts are actively involved in the development and teaching of the course, which covers all aspects of the aquaculture industry including salmon, trout, oysters, mussels and abalone. You will learn about core applied science theory such as applied maths, quality management and sustainability, together with specialist aquaculture subjects including aquatic health, aquatic biology and aquatic chemistry.

Course options Marine and Antarctic
- Bachelor of Marine and Antarctic Science
- Associate Degree in Applied Science (Aquaculture)
- Diploma of University Studies (Science Specialisation)
Maritime Studies

The Australian Maritime College at the University of Tasmania is Australia’s national institute for maritime education, training and research.

Studying at the AMC will give you the chance to experience hands-on learning with our range of cutting-edge simulators and our impressive fleet of training and research vessels.

AMC is one of the seven founding members of the International Association of Maritime Universities, which represents five continents. AMC is also the strategic educational provider for Australia’s $90bn Naval Shipbuilding Plan, which requires thousands of maritime specialists across engineering, management, seafaring, and maritime operations. You could be creating the next generation of naval ships or helping guide the logistics required to support their construction and maintenance.

You can choose from flexible course options, with opportunities for full-time, part-time and online distance study.

Whether it’s captaining a vessel, safeguarding marine environments, designing advanced ocean engineering structures or keeping the world’s goods moving, AMC has the qualifications that will help you reach your career goals.

Why study Maritime Studies with us?

The AMC is Australia’s recognised national institute for maritime education, training and research.

We have the southern hemisphere’s most advanced maritime research and learning facilities.

The AMC is the strategic education partner for the Naval Shipbuilding and collaborations with the Australian maritime and shipbuilding industry.

CAREER OPPORTUNITIES

Naval Architect

Design the largest and most complex machines on Earth. From luxury yachts and cruise liners, to the future of autonomous shipping, to Australia’s next generation naval fleet. This study option is also an excellent gateway to a career in government in the areas of commercial shipping, transport policy and administration.

Ocean, Maritime, and Offshore Engineer

Design, build, support and maintain the huge range of structures and machines that make up the maritime industry. This includes developing next-generation renewable energy by harnessing the power of waves and the tides, building ports and harbours, and exploring the ocean’s depths.

Maritime Business and Global Logistics Professional

Ninety per cent of world trade is sent via the oceans, and it takes specialist skills to manage this vast industry. Maritime business and global logistics professionals are in demand around the world, and careers extend beyond the ports to policy, finance and insurance, and national security and customs.

Ocean Seafaring

Work on all types of international merchant vessels, like cruise ships, tankers, and cargo carriers in one of two key career pathways: as a Navigation Officer in control of the navigational operation and management, or as a marine engineer or marine electrical engineer ensuring the safe, ongoing operation of large and complex machinery.

Maritime Operations and Coastal Seafaring

Coastal Seafarers are hands on, dynamic, highly mobile and skilled professionals with many career opportunities in maritime operations and coastal seafaring. You could be working with tourism charter boats, commercial fishing or trading vessels, or helping feed the world as part of the sustainable aquaculture industry.
Maritime Engineering

Our Bachelor of Engineering (specialisation) with Honours degrees are accredited by Engineers Australia (EA), the Royal Institute of Naval Architects (RINA) and the International Institute of Marine Engineering, Science and Technology (IMarEST).

Your studies will focus on one of three maritime industry specialisations: Naval Architecture, Ocean Engineering, or Marine and Offshore Engineering. Your education will include access to world-class training and research facilities. You will benefit from AMC's industry connections and experience, providing you with a competitive edge as a graduate.

After your first two years of study, you will choose one of the three specialisations to pursue for the remainder of your degree.

Naval Architecture
Learn to design and construct vessels of all sizes in the shipping, high-speed, offshore, defence, underwater and recreational industries. Go beyond the classroom and test your theories and designs in our range of simulators and advanced facilities, and graduate with genuine, practical skills that are in demand worldwide.

Ocean Engineering
This specialisation focuses on the design, construction and management of offshore, subsea and coastal structures. Ocean engineers also design and build the ports and harbours that connect international trade and travel.

Marine and Offshore Engineering
Marine and Offshore Engineering focuses on the design, deployment, commissioning, maintenance and management of mechanical and mechanical-electrical systems associated with the shipping, marine and offshore oil and gas industries.

Co-operative Education
The Engineering Co-operative Program is a distinctive five-year Maritime Engineering degree that combines engineering study with periods of full-time paid work experience within the industry. This allows you to evaluate career choices and gain experience in a variety of industry and engineering work settings prior to graduation.

Global Logistics and Maritime Management
Around 90 per cent of world trade is moved on the oceans, and the management of this requires specialist knowledge and skills. This study option will equip you with a specialist business skillset and an in-depth understanding appreciation of issues confronting the global logistics and maritime industries.

Maritime Operations and Coastal Seafaring
The Australian Maritime College (AMC) is a Registered Training Organisation (RTO) and an Australian Maritime and Safety Authority approved training provider. Australia’s leading training provider delivers vocational education training of flexible courses that are industry-relevant and provide a nationally recognised qualification.

Our range of VET qualifications offer on-site, online, and industry educational experiences to deliver practical experiences to progress your career.

Ocean Seafaring
Ocean Seafarers work on large international vessels in Australian and international waters, and offshore vessels in the oil and gas industry.

Our study options are designed to deliver the globally-recognised qualifications required by the key industry career pathways of Deck Officer, Marine Engineer, and Marine Electrical Engineer. Each provides hands-on learning in the best simulator facilities in the Southern Hemisphere.

Each bachelor’s degree study option has an advanced diploma that articulates into it with full credit, as well as operating as a standalone qualification.

Course options for Maritime Studies
- Bachelor of Engineering (Specialisation) with Honours
- Bachelor of Global Logistics and Maritime Management
- Bachelor of Nautical Science*
- Bachelor of Marine Engineering
- Bachelor of Applied Science (Marine Technology Management)
- Diploma of University Studies (Science Specialisation)
- Diploma of University Studies (Engineering Specialisation)

*Course available for delivery in 2021, undergoing approval
Studying Media and Communication at the University of Tasmania will give you practical, contemporary skills in producing media. Learn from leading academics and industry practitioners, gain real experience, and graduate ready for a career in film, television, journalism or communications. The Media School in Salamanca Square is a short walk from the courts, Parliament House, CSIRO and IMAS. You’ll have access to contemporary studio spaces and facilities, so you’ll graduate prepared to work in the rapidly evolving media industries. By engaging with our partners, including Mona, AFTRS, News Corp, and the ABC, you’ll graduate with work-ready skills and knowledge, a portfolio of work, and a professional network to help start your career.

Course options for Media and Communication
• Bachelor of Media and Communication*
• Diploma of University Studies (Arts Specialisation)

*Course available for delivery in 2021, undergoing approval

Why study with us

Combine assessments with valuable workplace experience in our Industry Placement unit. Showcase your work with The Media School Film Festival and graduate with a portfolio of genuine projects.
Medicine

We can help you make a difference to Australia’s health. Train in the University of Tasmania’s School of Medicine and you will graduate with the skills to work at the forefront of healthcare advancement.

With a top ranking by subject in Medicine (in the 2018 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.

We are committed to providing you with contemporary medical and health science skills which are crucial to transforming healthcare, research and workforce needs. Our Medicine and Medical Research courses give you access to world-class researchers, innovative teaching and community programs, and key work-focused training with other disciplines such as Pharmacy, Nursing and Exercise Science.

Our courses are taught in a hands-on environment to help you integrate new information and realign your thinking to respond to new situations, while growing your skill base.

Why study Medicine with us?

- We produce the most job-ready graduates in the country.
- Work closely with leading researchers.
- Gain skills crucial to transforming healthcare research and workforce needs.

CAREER OPPORTUNITIES

- Anaesthetist
- Dermatologist
- Diagnostic radiologist
- Emergency doctor
- General/family practitioner
- Geriatrician
- Haematologist
- Hospital, clinical or pathology laboratory scientist
- Laboratory technician
- Medical imaging technologist
- Medical researcher
- Neurologist
- Neurosurgeon
- Nuclear medicine scientist
- Obstetrician/gynaecologist
- Oncologist
- Ophthalmologist
- Paediatrician
- Psychiatrist
- Public health specialist
- Radiation therapist
- Surgeon
- Urologist
Medical Research
In this course, you will learn the science of medicine, integrated with clinical practice, along with population health, and the ethical and professional elements of practice. Your studies will lead to you becoming a highly capable intern.
You will be gaining first-hand experience through professional practice placements, while your coursework brings together case-based learning with a range of opportunities to expand your expertise.
The Bachelor of Medicine and Bachelor of Surgery (MBBS) degree is an on-campus, full-time course. Heavily integrated with the Tasmanian Health Service, you will receive fantastic support from both clinicians and health organisations. Years one to three of the course are based in Hobart at the Medical Science Precinct, with placements in rural communities around the State.
In years four to five, students undertake clinical rotations and electives to complete their degree, based at the Hobart Clinical School, the Launceston Clinical School or the Rural Clinical School in Burnie. This allows you to continue your studies closer to home.

Medical Research
In this course you will develop scientific and experimental skills that underpin biomedical research and gain a deeper understanding of the human body and its functions at a cellular, molecular and systems level. Studying at the state-of-the-art Medical Sciences Precinct, you will learn about normal biological processes and the abnormal processes that occur in disease.
We will help you develop the scientific and experimental skills that underpin biomedical research. This includes mastering the tools and techniques necessary for a range of specialties, including neuroscience, genetics, physiology, biochemistry and molecular biology, pharmacology, immunology and microbiology.
Graduates from honours are considered research professionals and can expect to find employment in a range of areas including the pharmaceutical, pathology and biomedical industries, biotechnology companies, research institutes, and hospitals and universities around Australia. Honours graduates will also be well-prepared for more advanced postgraduate study in a range of medical research areas, including research-based PhD, Master of Medical Research and MSc degrees.

Laboratory Medicine
This degree gives you the skills and knowledge to work in accredited medical laboratories. It provides instruction in professional areas such as clinical chemistry, endocrinology, haematology, transfusion science, histopathology, microbiology, human molecular biology, and immunology.
Our smaller class sizes mean you will have excellent access to laboratory equipment and teaching staff throughout your degree. You will spend over half of your degree in the laboratory and the last six months of your degree will be hands-on in the industry as part of your Professional Experience Placement, so you graduate job-ready.
Graduates are trained to undertake valuable diagnostic services and to provide information used in the diagnosis and treatment of patients. Start your career in diagnostic pathology or medical research laboratories and start making your own contributions to the medical science field in Tasmania and beyond.
This degree is professionally accredited by the Australasian Institute of Medical Scientists (AIMS), so employers will recognise graduates from the course have been specifically trained for the industry and are ready to be employed as medical scientists. You can also pursue a career in medical research through honours and PhD programs.

Pharmacy
When you study Pharmacy at the University of Tasmania you are entering one of the best programs in the country. Our graduates are internationally recognised, and you could open the door to global opportunities and work abroad.

Professional Experience Placement (PEP)
PEP allows you to put theory into practice in a real healthcare setting, sometimes from your very first year. You’ll get to undergo training working with dedicated healthcare professionals and experienced industry partners. Depending on the course you are enrolled in and the learning requirements, you could find yourself based in a hospital, a community health service, a pharmacy or working alongside paramedics.
Nursing

Nursing is a dynamic, flexible career that lets you work in a huge range of areas including workplace safety, emergency medicine, and mental health.

Studying Nursing at the University of Tasmania gives you exceptional education and training in the classroom. Purpose-built environments use technologies to develop clinical knowledge and the skills you’ll need as a Registered Nurse.

We have strong industry partnerships with nursing leaders and clinical experts. A component of eligibility to register as a nurse with the Australian Health Practitioner Regulation Agency (AHPRA) is the completion of professional experience placements with our industry partners throughout your degree.

Our graduates go on to work as nurses in a range of areas including chronic disease management, mental health, workplace safety, rural and Indigenous health, and emergency medicine.

Why study Nursing with us?

We have placement opportunities with more than 250 partners throughout Australia.

All of our staff have worked as clinicians throughout their career, and over 80% are active researchers.

Choose from a range of study modes to suit you.

CAREER OPPORTUNITIES

A career in nursing also provides an opportunity to specialise in areas such as:

- Acute care nursing
- Addiction studies
- Anaesthetics and recovery nursing
- Cardiovascular nursing
- Clinical nursing and teaching
- Child and family health nursing
- Critical care
- Emergency nursing
- Gerontological nursing
- Leadership practice
- Mental health/psychiatric nursing
- Neonatal intensive care
- Neuroscience nursing
- Orthopaedics nursing
- Oncology nursing
- Paediatric nursing
- Perioperative nursing
- Primary health
- Rehabilitation nursing
- Renal nursing
- Rural and remote nursing
- Special care of newborn nursing

Community nursing student making a home visit in Sheffield.
The Bachelor of Nursing has been designed to allow for more pathways, study options and locations to suit our students. This fully-accredited course allows flexibility for completing the degree in either two, three or four years, depending on your location and preference.

Course options for Nursing:

**Accelerated (2 year)**
Cradle Coast, Hobart, Launceston, Sydney

**Standard (3 year)**
Cradle Coast, Hobart, Launceston

**Part-Time (4 year)**
Cradle Coast, Hobart, Launceston, Sydney

**Enrolled Nurse to Registered Nurse Transition Program (Part-time available)**
Cradle Coast, Hobart, Launceston, Sydney

Focusing on the evolving needs of our students, paired with advances in learning technology, we have designed a new Bachelor of Nursing degree to provide a meaningful educational experience, tailored to the many roles nurses play in our community.

You will be supported by a simulated learning environment and, during the course, you will be given the opportunity to undertake work placements in both rural and metro healthcare facilities. You will also develop the knowledge and skills needed to offer the highest quality health care.

**Professional Experience Placement (PEP)**
Understanding your professional responsibility is the first step towards starting your chosen career. PEP allows you to put theory into practice in a real healthcare setting from your very first year.

**Course options for Nursing**
- Bachelor of Nursing
- Diploma of University Studies (Health Specialisation)
Pharmacy

Studying Pharmacy at the University of Tasmania gives you the chance to study a unique blend of health, science and communication and graduate ready to work as a medication expert.

Through our relationships with leading pharmacists and pharmacy service providers, as well as our high-quality staff and clinical program, we aim to produce the best Pharmacy graduates in Australia.

You will graduate with a Bachelor of Pharmacy with Applied Honours. The applied honours component will prepare you for a rapidly evolving health system, giving you the research skills to identify gaps in practice, and to conduct quality improvement activities to advance practice.

Your education will be high-quality and hands-on, and after you graduate and complete a paid internship, you can register as a pharmacist in Australia. You could work in communities or hospital settings, and you will also get the chance to work in rural and remote communities in Australia.

Why study Pharmacy with us?

Our graduate job rate is 100%.

Get hands-on experience through paid internships.

100%
The Bachelor of Pharmacy with Applied Honours provides you with the skills and knowledge to potentially work in community pharmacies, hospitals, and other parts of the health system. The course features hands-on experience through professional experience placements, which will help you gain the skills and perspective required for the responsible practice of pharmacy. The combination of biomedical and pharmaceutical science, clinical expertise in drug use, and a strong emphasis on communication skills, prepares you for work in a variety of fields.

Our degree is designed to prepare graduates for pharmacy practice as it is today, as well as how we expect it to evolve in the future. Our concept of the seven-star pharmacy graduate prepares graduates to be clinical pharmacy experts, problem-solvers, preventive health practitioners, good communicators, professional life-long learners, ethical practitioners and drug distribution experts. Underpinning the design of the course is a focus on ensuring that the knowledge, skills and competencies of graduates are consistent with professional expectations, that graduates are well-prepared to enter the pharmacy workforce as interns, and that they have the skills and knowledge to flourish as registered pharmacy professionals.

Our graduates are recognised for the quality of their clinical pharmacy skills, their dedication to improving health, and their ability to transform pharmacy practice. With recognition like this, you could open the door to global career opportunities.

Year 1
The first year of your degree provides the basis for future learning. It focuses on the basic sciences and an introduction to the role of pharmacy in the healthcare system.

Year 2
In second year, you will focus on medications, how they are developed, how they work, and the roles that pharmacists play in the safe and effective use of medications.

Years 3 and 4
These years combine to focus on applied therapeutics, pharmacy practice and research. You will be prepared for an exciting range of roles in our evolving healthcare system. Professional experiential placements are undertaken at community, hospital and other pharmacy practice sites throughout Tasmania and interstate. All students participate in our innovative applied honours program, which features group-based research projects conducted within our placement program.

A degree in Pharmacy will open up a range of career opportunities. These include employment in community pharmacy, hospital pharmacy, consultant pharmacy, and reviewing patients’ medication in their home. You could also work in the pharmaceutical industry, in design, manufacturing, and quality control. There are also roles in research academia, in other biomedical sciences, and in the armed forces.

Professional Experience Placement (PEP)
Understanding your professional responsibility is the first step towards starting your chosen career. Within the Bachelor of Pharmacy with Applied Honours, the industry-leading PEP program allows you to put theory into practice. This means practising in real healthcare settings in Tasmania, mainland Australia and around the world.

When you study Pharmacy with us, you train under professional supervision with our experienced industry partners in hospitals, community pharmacies, general practices and aged care facilities. The variety and quality of experiential learning opportunities will make you a highly sought-after pharmacy graduate.

Course options for Pharmacy
- Bachelor of Pharmacy with Applied Honours
- Diploma of Pharmacy Studies
Psychology

The University of Tasmania is a national leader in psychological research and education. Studying Psychology with us gives you the expertise to positively impact individuals and workplaces.

Understanding how people think and what motivates people to act is vital in a wide variety of employment settings. Many professions include psychology concepts in their training programs and day-to-day work, and contemporary employers are now seeking to hire staff with skills in a range of areas, including criminal justice, marketing, and human resources.

Our courses give you valuable skills in critical thinking, data gathering and analysis, and in understanding people.

We have an extensive program of innovative research with a focus on areas including cognitive neuroscience, developmental and clinical psychology, and psychology in legal settings.

Studying with our expert psychology academics, you will get the right skills to solve problems and help others.

Why study Psychology with us?

Start your journey to a career as a psychologist with our Bachelor of Psychological Science.

A Psychological Science qualification can lead to multiple careers and give you an edge in management roles.

Learn from our world-leading psychology researchers.

CAREER OPPORTUNITIES

A psychology qualification provides excellent skills to pursue a variety of careers, including:

- Counselling
- Human resource management
- Employment and training services
- Community health and welfare
- Health services support
- Probation and parole services
- Family and child services
- Policy and planning
- Research careers
- Social work.

To become a fully-registered psychologist you will need to complete an accredited undergraduate Psychology sequence (three years), plus, the accredited psychology honours year (one year).

Graduates who achieve pre-professional competencies in the APAC-accredited fourth year (honours) of the program will be eligible to apply for entry into our postgraduate professional training programs – the Master of Professional Psychology and Master of Psychology (Clinical).

Both of these courses provide pathways to register and practice as a psychologist in Australia.

Our highly flexible offering (accredited or non-accredited pathways) allows you to take Psychology in a wide range of degrees:

- Bachelor of Psychological Science
- Bachelor of Arts
- Bachelor of Science
- Bachelor of Business
- Bachelor of Laws
- University College Pathway
- Bachelor of Psychological Science and Bachelor of Law

By studying the Bachelor of Psychological Science, you will have the ability to combine a broader range of Psychology studies with a choice of minors from many areas including Aboriginal Studies, Computer Science, Criminology, Gender Studies, Legal Studies and Management.

Graduate entry pathway

If you have completed a bachelor’s degree during the last 10 years, you may be eligible for the graduate entry pathway. This may allow you to complete the full accredited sequence in Psychology in as little as two years.
Science

There’s no better place to start your environmental career than Tasmania’s living laboratory.

Our curriculum gives you flexibility in how you structure your degree. You can focus your studies on one or more science disciplines and learn the methods to apply your skills to the practical needs of industry, business, and government.

We also give you a wealth of practical experience, access to excellent facilities, and lots of opportunities for you to connect with the science community.

Why study Science with us?

- Use the same excellent facilities your lecturers and industry use.
- Learn from lecturers who collaborate with partners like NASA, SpaceX and WHO.
- Tasmania’s pristine environment is your living laboratory.

CAREERS IN SCIENCE
Science gives you the opportunity to focus on one or more study areas, giving you a variety of career options typically falling into three main categories.

Specialist application of knowledge
Careers including geologist, marine biologist, plant scientist, forensic scientist, meteorologist and more.

Broad application of knowledge
Careers where a broad understanding of science is essential, (e.g. biosecurity, STEM teacher, environmental policy advisor).

Generalist core skills
Careers using core skills obtained during your degree, (e.g. public relations, marketing, and government and local councils).

STUDYING SCIENCE
There are many science areas of study available. The majority are studied through the Bachelor of Science.

Aquatic Biology
This major provides a general introduction to aquatic plants, microbes and animals, and application of these concepts in environmental microbiology, aquatic animal health and marine ecosystem management and conservation.

Biochemistry
Biochemistry explores how living organisms function from both a molecular and cellular perspective. This area of study provides an essential basis for detailed understanding of biology and medicine.

Chemistry
Learn analytical and industrial chemistry, as well as areas of biological chemistry, and receive a solid foundation to support specialist studies in other disciplines such as biotechnology, biochemistry and microbiology.

Computer Science
Learn a wide range of computing techniques, including artificial intelligence, mobile applications, and web design, and get experience interacting with real clients.
Ecology
Study the influence of climate change on plants and animals, and the relationships between land management and invasive pests to aid conservation outcomes for threatened species.

Food Safety
Gain in-depth knowledge and skills relevant to food safety systems and controls.

Genetics
Learn to use DNA as a tool to increase our understanding of species’ evolutionary development and physiology.

Geographic Information Systems and Remote Sensing
This major combines units in Geographic Information Systems, Global Navigation Satellite Systems and remotely-sensed data that have a focus on the application of spatial sciences in real-world situations.

Geography and Environment
Expand your knowledge of diverse environments and societies and their interaction around the Earth and apply skills in geographical analysis and fieldwork to issues like climate change, biodiversity loss, and political conflict.

Geology
Learn about the composition of the Earth, the evolution of life and atmosphere, tectonic processes leading to the formation and break-up of continents, volcanic eruptions, earthquakes, and the formation of mineral, petroleum and water deposits in the Earth’s crust.

Mathematics
Mathematics provides fundamental skills in problem-solving, modelling and analysis.

Microbiology
Microbiology is the science that studies the structure and role of microorganisms which are fundamental to the biogeochemical cycles that underpin life on Earth.

Physics
Physics provides the universal language of science, the foundation of engineering and technology, and enhances our understanding of other science disciplines, providing a basis for biology, chemistry, geology and biomedical sciences.

Plant Science
Study how plants function and develop and why they are intrinsic to producing food, fibre for clothing, shelter and fuel, drugs for medicines, and more.

Psychological Science
Learn about the major areas of psychology and basic techniques for psychological investigations.

Statistics and Operations
Gain the ability to apply the ideas of probability, model development, model fitting, and statistics and optimisation, to analysing the data sets that pervade all aspects of industry and science.

Zoology
Study how animals behave, their evolutionary relationships and how they interact with other animals and the environment. This course provides access to and study of our unique ecosystems: alpine health, temperate rainforests, coastal landscapes and the Southern Ocean.

Course options for Science
• Bachelor of Science
• Bachelor of Science (Catalyst Program)
• Bachelor of Surveying and Spatial Sciences
• Associate Degree in Applied Science
• Diploma of University Studies (Science)
Social Work

Compassionate and engaged social workers are vital to improving individuals’ wellbeing and combating societal inequality.

Our newly updated honours-level course with specialisation options has been designed with direct industry feedback to reflect current and emerging practice trends in the profession. It includes 1,000 hours of supervised professional field education placement, providing a unique opportunity for you to develop social work practice skills within the Tasmanian context. Students will explore collaborative, cooperative and culturally accountable social work leadership approaches that can be used to design innovative and sustainable solutions to complex and persistent social problems.

Why study Social Work with us?

- Have your studies complemented by professional field education work placements.
- Enjoy career opportunities in direct practice, education, community and policy development, and more.

This degree equips you with an understanding of social problems and social services and the skills to help people in your community.

Course options for Social Work
- Bachelor of Social Work with Honours
- Associate Degree in Applied Health and Community Support
- Diploma of University Studies (Arts Specialisation)
We’re here for you.

We’re here to make sure you succeed at university. Our committed staff and smaller class sizes mean you get the attention and support you need. Here’s how we help you while you’re studying with us.

**Wellbeing**

**Counselling**
This is a difficult time, and we want you to feel supported. That’s why we provide free confidential and professional counselling to our students.

[utas.edu.au/counselling](utas.edu.au/counselling)

**Online support**
Our staff are dedicated to supporting you and your studies. Whenever you have a question or concern, you can reach us by email or by phone. You can also discuss your options with course advisors via video chat.

[utas.edu.au/onlinesupport](utas.edu.au/onlinesupport)

**Health conditions and disability**
We provide practical assistance and support for any student with a permanent or temporary disability or health condition.

[utas.edu.au/disability](utas.edu.au/disability)

**Academic support**
Help honing your study skills
Our Student Learning Advisers, Student Learning Librarians and Student Learning Mentors all help you hone your language and numeracy through workshops, individual consultations and drop-in sessions.

[utas.edu.au/pass](utas.edu.au/pass)

**Careers**
We have a range of services available, including online mentoring, internships, industry networking experiences and volunteering opportunities. All of our students have access to Career Connect online to plan career paths, apply for jobs and build networks with industry.

[utas.edu.au/student/careers](utas.edu.au/student/careers)

**The Safe and Fair Community Unit**
This is a university-wide service providing information, support and advice to keep everyone safe and well.

[utas.edu.au/safe](utas.edu.au/safe)

**Inclusion, diversity and equity**
We are committed to creating an inclusive culture that promotes equality and values diversity. Respecting and maintaining the rights and dignity of our staff and students is our highest priority.

[utas.edu.au/diversity](utas.edu.au/diversity)

**Opportunities for high achievers**
If you want to get the most out of your university experience, while also giving yourself an edge for future employment, then our Catalyst Program is for you.

Created for outstanding students just like you, this program offers automatic scholarships, exchange opportunities and more.

[utas.edu.au/catalyst](utas.edu.au/catalyst)

**Leadership and self-development**
Learn about your leadership skills, volunteer and help your peers. This program helps you gain the skills and experiences to get a competitive edge in your career.

[utas.edu.au/vclp](utas.edu.au/vclp)

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Master of Tourism, Environmental and Cultural Heritage, Port Arthur field trip.
There is no financial barrier to university.

With government support and scholarships, you can focus on what’s important — getting the most out of your time at uni.

Paying for uni

Most Australian students have a Commonwealth supported place, which means the government pays for your education and you don’t have to worry about paying it back until you’re earning a good salary.

To learn more, visit utas.edu.au/undergraduate-study/course-costs

Our scholarships

We offer more than 900 scholarships across all areas of study that help improve access to uni. You can also apply for multiple scholarships in one simple application.

Visit utas.edu.au/scholarships

Relocation scholarships

Moving can be expensive and we want to minimise the stress. That’s why we offer relocation scholarships for new domestic students studying selected courses. You could be eligible, even if you already live here and are just moving to a different part of Tasmania.

Visit utas.edu.au/relocation-scholarships
Uni lingo, decoded.
It’s no secret that academia has its own language, but don’t worry! It’s easy to decode. Here’s our guide to everything you need to know about uni terms but were afraid to ask...

**Associate degree:** Our Associate Degrees are shorter and more flexible study options. They are a formal qualification in their own right, but can also be used as a pathway into a Bachelor’s degree.

**Bachelor’s degree:** A qualification awarded at university after completion of an undergraduate course of at least three years (full-time), e.g. Bachelor of Science, Bachelor of Fine Arts.

**College:** A formal academic body responsible for the administration of a group of courses; for example, the College of Health and Medicine oversees all University of Tasmania courses relating to health and medicine.

**Course:** A program of study leading to an award, e.g. the Bachelor of Education course. All courses are made up of individual units.

**Diploma:** Our diplomas are 1-year qualifications (full-time study or part-time equivalent) that focus on practical learning. They have been developed with flexibility and accessibility in mind.

**Discipline:** A field of related studies, e.g. the disciplines of Physics, Mathematics or History. Some schools are divided into a number of disciplines. For example, Asian Languages and Studies include the following disciplines: Asian Studies, Chinese, Indonesian, and Japanese.

**Elective(s):** Most degrees offer electives, which may be from the degree schedule and taken at any level, subject to prerequisites, unit quotas, and the unit level ranges defined in the degree specifications.

**Full-time study load:** Studying eight standard units (totalling 100 per cent load) in semesters one and two in one calendar year constitutes full-time study for the purposes of fulfilling the requirements for a degree.

**Major:** A sequence of units (or subjects) which build specialist knowledge. Students undertake more units related to their major/s than for other areas of study.

**Semester:** A formal university teaching period. There are two main semesters, each comprised of 13 weeks of teaching.

**Specialisation:** Units in a particular subject area which form a sequence of study. For example, French, Computing, or Economics.

**Undergraduate study:** Study undertaken in order to gain a bachelor’s degree.

**Unit:** Another word for subject. It is a set of lectures, seminars, tutorials, and/or practicals on a particular topic, and the associated assessment.
Study in Australia's creative playground.

Arts students performing at MONA FOMA's Faux Mo festival party, Launceston, Tasmania.