



## **STEM Hubs in July 2025**

*A STEM Hub is a non-residential STEM experience where you can connect with STEM pathways and careers around Australia.*

You'll join exclusive behind-the-scenes experiences typically inaccessible to the public and connect with STEM professionals—a crucial networking opportunity for your future. Whether you're passionate about robotics, biomedicine, astronomy, biology, or anything in between, there's a STEM Hub waiting to show you what a STEM career is really like!

### **Ideal for:**

- Young people with a passion for science
- Students in year 10, 11 and 12 from around Australia

Find out more at [NYSF STEM Hubs](#). Registrations are now open for the 2025 NYSF STEM Hubs hosted in **Melbourne** from 7 to 11 July 2025.



## **Diploma of Business**

*Gain a broad understanding of business with a diploma that will enhance your career.*

The [Diploma of Business](#) covers personal and team effectiveness, communication with customers, business continuity for sustainability and risk, and business success through planning. After graduation, students may choose to transition to further education or employment opportunities. Possible career paths include *small business owner, business manager and coordinator-level roles involving business planning, project management, resourcing, marketing, or social media*.

Graduates of this course are guaranteed entry into the course/s below, usually with credit.

- [Bachelor of Business](#)
- [Bachelor of Business Professional Practice](#)



## **AFL Grad Program**

*The AFL Grad Program aims to provide a dynamic entry point into the AFL, where you'll gain hands on industry-wide experience and access to learning and development opportunities to foster relationships, build valuable skills and leadership capabilities.*

Students selected into the program will be supported by AFL leaders and mentors, will

participate in immersive industry-wide development experiences and have the opportunity to enhance job readiness, as well as personal and professional growth.

Students keen on learning more can fill in a quick form [here](#), and receive alerts when applications officially open.

Alternatively, browse [AFL Careers | Grad Program](#) and browse the FAQs and look at details of AFL Grad Alumni.



## **News from Deakin University**

### ➤ **New Politics, Philosophy and Economics/Communication**

***Want to analyse society, excel in leadership and communicate with impact?***

Commencing in 2026, Deakin will be introducing the Bachelor of Politics, Philosophy and Economics/Bachelor of Communication.

Offered at the Burwood and Waurn Pond Campuses, this *new* double degree will teach students how to be an ethical leader, skilled communicator and opinion shaper. Whether one's goal is to influence policy, lead public relations campaigns, or work in NGOs or private enterprise, students will gain the knowledge and skills needed to excel.

Find out more at [Politics, Philosophy and Economics/Communication](#).

### ➤ **Property and Real Estate Update**

At Deakin, the Bachelor of Property and Real Estate is designed to bridge the gap between study and industry, offering both mentoring and real-world learning experiences to enhance student employability.

#### **Mentoring Program**

The faculty has introduced *new* mentoring initiative connecting second-year students with senior professionals from Herron Todd White, Mirvac, Knight Frank, EY, and the Victorian School Building Authority. Through one-on-one mentorship, students gain tailored career advice and build invaluable professional networks.

#### **Practical Industry Experience**

Students engage in real-world simulated projects, such as valuing their own homes and developing proposals for current market properties. Guest lectures from EY, Opteon, and Crabtrees Real Estate provide direct industry insights, ensuring graduates are ready for the evolving property sector.

#### **Professional recognition**

The Bachelor of Property and Real Estate is professionally accredited by the Australian Property Institute (API) and the Royal Institution of Chartered Surveyors (RICS). Furthermore, Deakin Business School is AACSB and EQUIS accredited, ensuring global

recognition and academic excellence. Graduates meet the academic requirements for Certified Practising Valuer membership.

In addition to a standalone Bachelor of Property and Real Estate, Deakin also offers several double degrees allowing students to expand their skills and career options. These include double degrees in *law, commerce, architecture and construction management*.

Find out more at [Bachelor of Property and Real Estate](#).



### **Difference between an Actuary and Economist**

The [Economics Online](#) website in the UK published a brief comparison in 2024 of the difference between Actuarial Science and Economics.

Actuarial science is an area of study that is involved in *estimating the financial risks* in insurance and other fields of finance by using mathematical and statistical methods. The actuarial science is used to identify the risk of upcoming events occurring in the near future by using probability analysis so that their financial impact can be predictable.

Economists are social scientists who study the production and distribution of resources, goods, or services and are called economists. Economists use financial data and mathematical models to analyse economic issues and predict future results. They can work as experts in education, government, and private industries.

The following table lists the main points of difference between actuaries and economists:

Actuaries	Economists
<b>Role and Focus</b> Primarily deal with assessing and managing risk, especially in the insurance and finance industries. Actuaries use mathematical and statistical methods to analyse potential risks and uncertainties.	<b>Role and Focus</b> Focus on studying the production and distribution of goods and services, as well as the behaviour of economies. Economists analyse economic data, trends, and policies to understand and predict economic outcomes.
<b>Skills and Expertise</b> Require strong mathematical, statistical, and analytical skills to assess risks and make financial predictions.	<b>Skills and Expertise</b> Require expertise in economic theory, data analysis, and understanding of market trends and policies.
<b>Industry Focus</b> Commonly employed in the insurance, pension, and financial sectors to assess risks and determine insurance premiums, pension contributions, and investment strategies.	<b>Industry Focus</b> Work in various sectors including government, academia, banking, consulting, and research institutions to analyse economic trends, forecast economic indicators, and provide policy recommendations.
<b>Decision-Making</b> Help companies make informed decisions by evaluating risks associated with financial investments, insurance products, and pension plans.	<b>Decision-Making</b> Provide insights into the broader economic landscape, influencing decisions related to government policies, business strategies, and market trends.
<b>Forecasting and Analysis</b> Focus on predicting future events and assessing the financial impact of uncertain outcomes, such as mortality rates, insurance claims, and investment returns.	<b>Forecasting and Analysis</b> Analyse economic data, market trends, and policy changes to forecast economic growth, inflation rates, employment levels, and other macroeconomic indicators.

[www.economicsonline.co.uk](http://www.economicsonline.co.uk)



## Environmental Science Degrees in Victoria in 2025

Environmental scientists measure and record features of the environment and study, assess and develop methods of controlling or minimising the harmful effects of human activity on the environment. There are a number of Environmental Science or related courses on offer, many of which are listed below.

*Environmental science is often offered as a major in science degrees.*

*This is the case in [Monash University - Science](#) and [Uni Melbourne - Science](#).*

**For a comprehensive list of all courses featuring environmental studies, their prerequisites and double degrees on offer, visit [VTAC](#).**

INSTITUTION	COURSE	VCE PREREQUISITES	MAJOR STUDIES IN 2025
<b>CHARLES STURT</b> AW – Albury-Wodonga	<a href="#">Environmental Science and Management</a>  <b>ATAR: L/N (AW)</b>	n/a but a successful completion of Year 12 is required <u>and</u> an ATAR is also used for selection.	Applied Earth Science, Aquatic Ecosystems, Climate and Sustainability, Ecology and Conservation, Parks, Recreation and Heritage.
<b>DEAKIN</b> M – Melbourne	<a href="#">Environmental Science and Sustainability</a>  <b>ATAR: 60.70 (M)</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied data analytics (minor only), Environmental science (Sustainability science, Ecology, Social science, Research methods, Mapping, Policy, Planning and impact assessment), Global engagement (minor only), Indigenous studies (Online, minor only), Sustainability (Environmental Management, Water, Waste, Climate, Nature conservation, Parks, Bushfire, Catchments, Coasts, Sustainable communities)
<b>RMIT</b> C – City	<a href="#">Environmental Science</a>  <b>ATAR: 71.55 (C)</b>	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 27 in English as an Additional Language (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	Conservation, Ecology, Environmental analysis, Environmental biology, Environmental chemistry, Environmental monitoring, Environmental policy and management.
	<a href="#">Environment and Society</a>  <b>ATAR: 62.35 (C)</b>	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 27 in English as an Additional Language (EAL).	Applied environmental research, Climate change, Conservation, Ecology, Economics, Environmental Impact Assessment, Environmental economics, Environmental policy, Environmental studies, Environmental systems, Geography, Indigenous Peoples and land management, Natural resource management, Politics, Sustainability, Urban and regional planning, Urbanisation.
<b>VICTORIA</b> F – Footscray Park  *Not Foundation Maths	<a href="#">Science (Ecology and Environmental Management)</a>  <b>ATAR: N/P (F)</b>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics *.	Biotechnology, Ecology and Environmental Management.



## Snapshot of the University of New South Wales (UNSW) in 2025

- Established in 1949, the University of New South Wales (UNSW) today has more than 59,000 students and a 7,000-strong research community.
- UNSW is a member of the [Group of Eight](#), a coalition of Australia's leading universities.
- The UNSW [rankings](#) are consistently high.
- The main UNSW campus is located on a 38-hectare site at Kensington, seven kilometres from the centre of Sydney. The other major campuses are Paddington offering Art & Design, and Business courses, and UNSW Canberra which hosts the Australian Defence Force Academy.
- UNSW has seven faculties, with a number of schools within each faculty -
  - [Arts, Design & Architecture](#)
  - [Business](#)
  - [Engineering](#)
  - [Law and Justice](#)
  - [Medicine and Health](#)
  - [Science](#)
  - [UNSW Canberra at ADFA](#)
- An extensive range of [courses](#) is offered at UNSW at both undergraduate and graduate level.
- UNSW offers the [Bachelor of Medical Studies/Doctor of Medicine](#) at its Kensington Campus.
- UNSW is one of Australia's leading [research](#) universities, with over 4,000 dedicated research students.
- UNSW offers a number of [support and development services](#) for all students.
- UNSW also offers a broad range of [scholarships](#) to students.
- UNSW is the largest provider of student housing in Sydney, with award-winning [accommodation](#) on and off campus.

