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## 万友优势 ADVANTAGE

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文案专员为每位学生一对一定制专属方案，移民律师外部协助．团队为学生带来高质量服务

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SWINBURNE UNIVERSITY OF TECHNOLOGY

AUSTRALIA

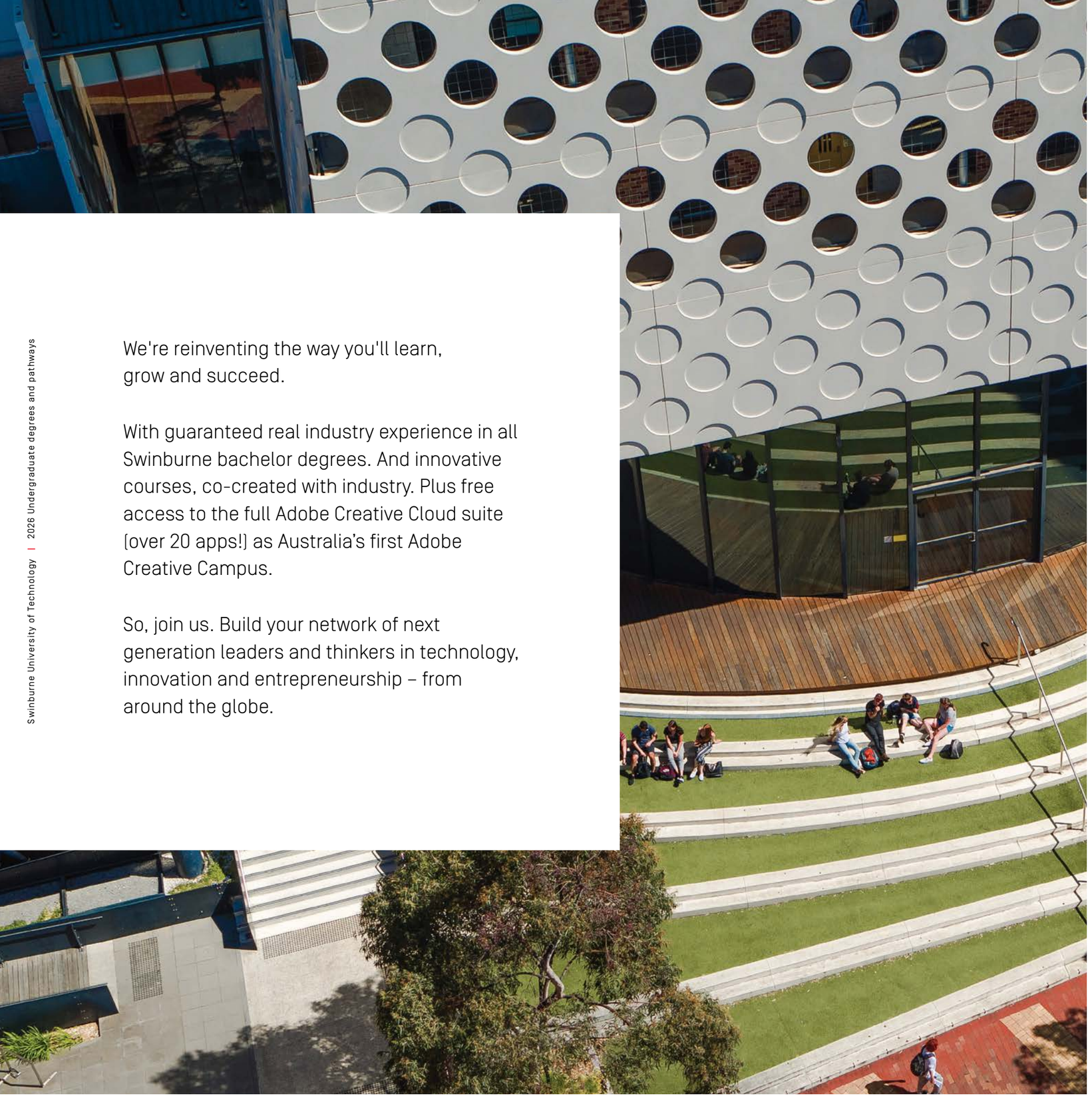


# Undergraduate degrees and pathways

_2026

swinburne international

Swinburne University of Technology



We're reinventing the way you'll learn, grow and succeed.

With guaranteed real industry experience in all Swinburne bachelor degrees. And innovative courses, co-created with industry. Plus free access to the full Adobe Creative Cloud suite (over 20 apps!) as Australia's first Adobe Creative Campus.

So, join us. Build your network of next generation leaders and thinkers in technology, innovation and entrepreneurship – from around the globe.



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# Why choose Swinburne?

## With a degree from Swinburne, you can go anywhere in the world.

London. Singapore. New York. Hong Kong. Our graduates are spread around the globe and work for some of the most dynamic organisations, from startups to not-for-profits to multinationals.

A degree from Swinburne means you'll have the prestige of a globally renowned university paired with the confidence that comes from genuine workplace experience.

When you graduate, you'll become one of thousands of Swinburne graduates around the world who are writing their own success stories. And that's all because a degree from Swinburne sets you up for life.

| | |
|---|---|
| Top 300 globally | We ranked among the world's top 300 universities<br>THE World University Rankings 2025 |
| ★★★★★ | We were awarded five stars for overall student experience<br>The Good Universities Guide 2024 |
| #24 globally | We ranked #24 in the world's best universities under 50 years old<br>THE Young University Rankings 2024 |

## In demand and paid more

| Business | Design | Information Technology | Engineering | Health | Law |
|---|---|---|---|---|---|
| #1 | 78% | #1 | 89.2% | #1 | 85% |
| in Melbourne for median graduate salary one year out. That's A$54,500 a year. | of our graduates find jobs within four months of finishing their course. | in Melbourne for median graduate salary five years out. That's A$86,100 a year. | of our graduates find jobs within four months of finishing their course. | in Melbourne for median graduate salary five years out. That's A$85,300 a year. | of our graduates find jobs within four months of finishing their course. |
| A$1500/year more than the national average | | A$11,300/year more than the national average | | A$19,000/year more than the national average | |

Sources: Graduate Outcomes Survey 2021-2023 and LinkedIn.





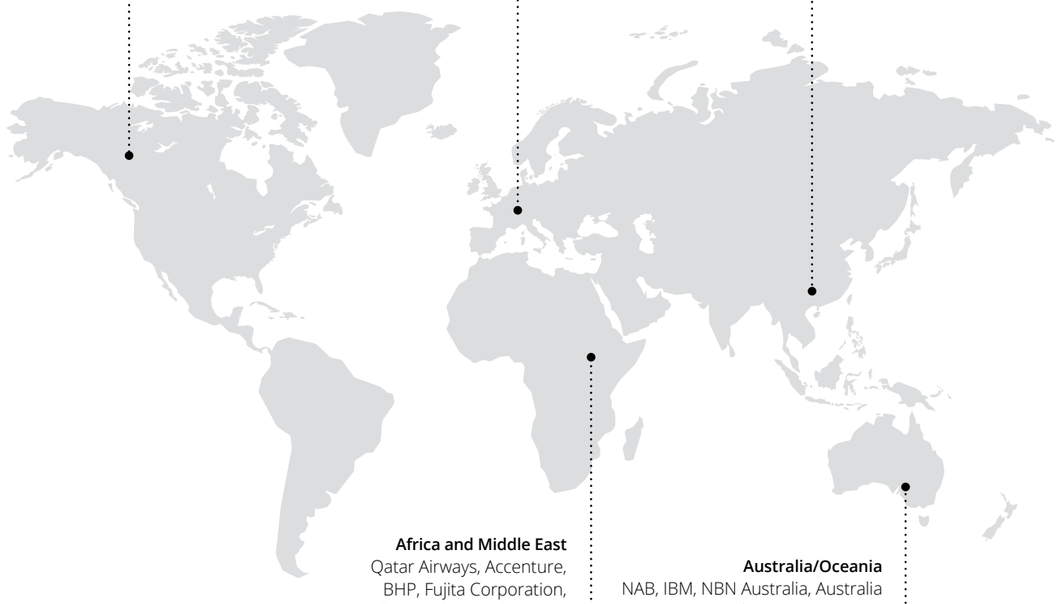


# Our grads work for the biggest and best

**North and South America**
Tesla, Microsoft, Amazon, Deloitte, Salesforce, Morgan Stanley, Pfizer, Goldman Sachs, PayPal, Meta.

**Europe**
Diageo, PwC UK, University of Cambridge, British Airways, Deloitte UK, Google, American Express, HSBC, Adidas, IBM.

**Asia**
Ernst & Young, Shell, Intel, Nokia, Apple, Accenture, IBM, Microsoft, Dell, Telstra.



**Africa and Middle East**
Qatar Airways, Accenture, BHP, Fujita Corporation, Etihad Airways, First Abu Dhabi Bank (FAB), Emirates, Ernst & Young, Cisco, Zenith Bank International.

**Australia/Oceania**
NAB, IBM, NBN Australia, Australia Post, Telstra, ANZ, Qantas, Deloitte, Commonwealth Bank, AGL Energy, Woolworths Group, Virgin Australia, KPMG.

# Real industry experience. Guaranteed.

At Swinburne, we guarantee you'll get real industry experience while you're studying. In fact, we've been providing this to our students since 1963. This is how we make sure that you'll become the next generation talent our workforce needs.

Every bachelor degree we offer includes a Work Integrated Learning experience – placements, internships or industry-linked projects.

Swinburne collaborates with established organisations and companies like National Australia Bank (NAB), PricewaterhouseCoopers (PwC), Royal Melbourne Hospital, IBM – because we aim to connect you to your career faster.




"I think a placement is the perfect stepping-stone to the next phase of your career. I not only gained the experience of a professional workplace, but also developed skills and the knowledge that have made me more confident as an emerging professional."

## Thishara

**Bachelor of Business (Professional) graduate**
**Bosch Australia professional placement student**

*Thishara is currently Assistant Manager Digital Marketing at John Keells Properties, a premier developer of real estate in Colombo, Sri Lanka.*

Find out more about Thishara's study and industry experience →

# Professional Purpose program.

With this program, we'll help you connect with your passion and purpose, which can guide you to a profession that you'll love and sustain for the long term. We'll help you clarify your goals, align them to opportunities and develop a plan to make them a reality.

Scan for more info





# Work Integrated Learning opportunities

## Placements

Gain full-time, paid work experience in your area of study and add it to your résumé. Placements are usually completed in the third year of your degree, so you're ready to launch into your career when you graduate. Certain degrees in some study areas, such as education, engineering, law, nursing and exercise and sports science include mandatory accreditation placements. In other study areas, you can decide whether you want your degree to include work experience. If you do, there are two ways you can accomplish this.

- **You've completed or are completing VCE Year 12, an equivalent Australian interstate qualification or the International Baccalaureate**
  If this is you, you can apply for a Professional Degree. These degrees include a 12-month work placement opportunity and are available in arts, business, computer science, engineering, health science, media and communication, and science.

- **You're not in a VCE Year 12 or equivalent program**
  There are two Professional Degrees open for direct entry for international students. They are the Bachelor of Computer Science (Professional) and the Bachelor of Information and Communication Technology (Professional).

- For all other Professional Degrees, enrol in a standard degree then transfer to a Professional Degree later to access the work placement opportunity. You will need to source your own placement and meet the prerequisite criteria of the Professional Degree program. Speak to us or your agent to make sure your chosen degree has a Professional Degree equivalent.

*If you've completed or are completing VCE Year 12 but are undecided on a Professional Degree, you can also choose to enrol in a standard degree and transfer to a professional degree at a later stage.*

Scan for more info about Work Integrated Learning →

## Internships

Internships are part-time opportunities with established organisations that give you all-important Australian work experience. They usually take place over the course of a semester. While they're typically unpaid, they're perfect for international students. Here's why – internships are covered by your visa conditions, and don't impact your ability to work part-time while you study if it is a compulsory part of your studies. And, if you take an internship as an elective unit, your course length remains the same. It's also a great addition to your résumé and will help you stand out in your future job search.

## Industry-linked projects

These projects are included in the subjects you will take during semester. As part of a group of students, you'll take on a live industry project, respond to an industry brief, solve an industry problem or get hands-on with the tools and methods used in your field of study. Together with your group members, you'll create and present a proposal or prototype to industry partners or your classmates. It's real experience that will prepare you for the workplace.

### Did you know?

To successfully obtain a placement or internship, you will have to go through a selection process, just like searching for a job in real life. Don't worry, our dedicated Careers and Employability team will help plan your career and guide you in creating a résumé and cover letter. We will also help you prepare for your interview!

Adobe CREATIVE CAMPUS

## Adobe Creative Campus

**Australia's first Adobe Creative Campus**

We want you to graduate with high digital literacy. That's why all Swinburne students have free access to the full Adobe Creative Cloud suite. That's over 20 Adobe applications. Build your portfolios, personal websites, presentations and so much more.

Scan for more info

# Our campuses

## Melbourne

Hawthorn, Melbourne
10 min to city by train
Parks
Cinema
Sports
Supermarket
Shops
Coffee
Gym
Pool






## Malaysia

Kuching city, Sarawak state

One of Southeast Asia's most liveable cities

Business, design, engineering, IT, science. Graduate with Australian testamurs.





# We've invested in technology

Swinburne is committed to providing you with world-class facilities using cutting-edge technology. Our researchers and students search for next generation answers using the best equipment and programs available.

**1**



### Innovating the way we innovate

**Factory of the Future**

Here, Swinburne helps businesses and innovators (some of whom are its students!) who want to use Industry 4.0 thinking and processes to succeed. In collaboration with clients, the lab can develop new products and methods of manufacturing, as well as more productive business models. Collaborative robots, advanced simulation tools, 3D printers and high-precision scanners assist in everything from optimising manufacturing to developing new factory layouts to translating concepts into prototypes quickly.

Scan for more info

**2**



### Simulating earthquakes for the greater good

**Smart Structures Laboratory**

Earthquakes are just one element that the lab tests for, in search of safer and more efficient infrastructure systems and buildings. It is the only lab of its kind in Australia, filled with A$15 million worth of equipment – it helps researchers and clients develop innovative materials with lower environmental impacts and cost as well as improved energy efficiency.

Scan for more info

**3**



### Where the next gen of engineers and network specialists train

**Cisco Networking Laboratory**

Are you planning to study electrical and telecommunications engineering or networking? Then you'll be receiving industry-accredited Cisco training right here! Every workstation can set up, control and enable a wide range of real-world networking environments, from small to extra large and complex networks. It's got more than 200 routers, 200 switches and 50 firewalls and is better equipped than some internet service providers.

Scan for more info

**4**



### A 3D printer the size of a house

**Digital Construction Laboratory**

That's just one of several large-scale printers you'll find in Swinburne's A$2 million Digital Construction Lab. It's a unique facility – no other like it exists in Australia! Many of the 3D printers here print in concrete. Researchers and industry practitioners come here to test out cutting-edge methods of construction, like automation and extrusion.

Scan for more info

**5**



### Australia's fastest brain imaging system

**Swinburne Neuroimaging Laboratory**

Our Neuroimaging Lab is the only human imaging facility in Australia and New Zealand to offer magnetoencephalography (MEG), magnetic resonance imaging (MRI) and electroencephalography (EEG). It's a key member of the $300 million National Imaging Facility project, where the most important brain-related questions can be explored. Researchers from across the country come here to understand human brain function and how it affects behaviour, cognitive development and mental health.

Scan for more info

# Melbourne: Australia's top student city

## Studying at Swinburne means studying in one of the world's most liveable cities.*

Melbourne is Australia's top city and the world's 5th best for students. That's according to the QS Best Student Cities 2025, as voted by real students†. With 5 million people from 140 cultures around the world‡, you'll find yourself completely at home. Swinburne's Melbourne campus is 10 minutes by train from the city and not far from Melbourne's many interesting sights! Just have a look below.




### Key

1. Flemington Racecourse **6.7km**
2. Melbourne Zoo **4.8km**
3. Royal Park **4.8km**
4. SEA LIFE Melbourne Aquarium **1.9km**
5. Flinders Street Station **city centre**
6. Arts Centre Melbourne **210m**
7. Melbourne Cricket Ground **1.3km**
8. Royal Botanic Gardens **2.3km**
9. Shrine of Remembrance **1.4km**
10. Port Melbourne Beach **5km**
11. St Kilda Beach **8.1km**
12. Yarra Bend Park **8.4km**
13. Yarra Flats Park **13.3km**
14. Swinburne campus **6.6km**
15. Hawthorn area **6.3km**
16. Box Hill area **19.3km**

Glenferrie train station **10 min to city**

City-Swinburne-Box Hill train line

Other train lines

All distances are to Flinders Street Station, Melbourne city centre

*Melbourne named among the Top 10 most liveable cities in the world by The Global Liveability Index, 2024
†QS Best Student Cities 2025
‡City of Melbourne **melbourne.vic.gov.au**

# Scholarships and sponsorship

## With an international scholarship, you could get up to 30% off your tuition fees.

When you apply for a Swinburne course, we'll automatically consider you for an international scholarship based on the grades of your previous study. If your application for study is successful, you will receive a letter of offer. In that same letter of offer, you will be notified if you have received an international scholarship.

You're also welcome to apply for our general scholarships. You'll find them here: **swinburne.edu.au/scholarships**

### George Swinburne International Excellence Scholarship

**30% off your tuition fees for the standard course duration.**

This scholarship will recognise a student's high academic performance and is available to international students commencing an undergraduate course at our Hawthorn campus for the first time in 2025. If eligible, you will receive 30% off your tuition fees for the standard course duration.

Excluded courses: Bachelor of Nursing, Bachelor of Aviation and Piloting, and one-year honours degree.

### Swinburne International Scholarship

**20% off your tuition fees for the standard course duration.**

This is a merit-based scholarship offered to international students commencing an undergraduate course for the first time at our Hawthorn campus. If eligible, you will receive 20% off your tuition fees for the standard course duration.

Excluded courses: Bachelor of Nursing, Bachelor of Aviation and Piloting, and one-year honours degrees.

### Eligibility

You can confirm the eligibility criteria for each scholarship on our scholarship website: **swi.nu/gvdpq**



"Obtaining a scholarship allowed me to focus purely on my learning and experiences at university. Studying the double degree has helped me narrow down the work I'd like to do once I graduate."

Lois

Bachelor of Design (Communication Design)/ Bachelor of Business scholarship recipient

### ELICOS+ Scholarship

**Up to 10 weeks ELICOS tuition included in packaged programs, valued up to A$5000.**

If you apply for an English Language Intensive Course for Overseas Students (ELICOS) plus an undergraduate course, you could get up to 10 weeks of your ELICOS tuition refunded.

To be eligible for this scholarship, you must not satisfy the English language requirement of your Swinburne undergraduate course. Once you have finished your ELICOS course and started your undergraduate course, a refund equal to 10 weeks of ELICOS fees – up to A$5000 – will be deducted from your tuition fees across the first three semesters of your Swinburne undergraduate course.



# Melbourne's first Bachelor of Applied Innovation

## Study applied innovation and harness the power of innovation to solve complex challenges of today and emerging opportunities of the future.

Swinburne teaches innovation because we want you to stand out in the job market and own skills that will never be replaced by machines. Learn critical and systems thinking, creativity and empathy – skills you can apply in every job and industry. The Bachelor of Applied Innovation* is offered as a double degree pairing† with our most popular standard degrees.

### I'm interested. What do I do next?

1. Decide on your standard degree. For example, the Bachelor of Business, Design, Engineering, Computer Science or other degree.
2. Check if your standard degree is paired with the Bachelor of Applied Innovation.

   Find the list of double degrees here →
3. Apply for the double degree. It should only take you one extra year to complete units for the Bachelor of Applied Innovation.
4. Graduate with two qualifications!

### What learning methods can I expect?

- Hackathons
- Innovation sprints
- Design challenges
- Industry projects

*CRICOS code 109238F

†The Bachelor of Applied Innovation is not offered as a standalone degree.



# Arts, Humanities and Social Sciences

## Become a next gen thinker and doer.

Study the forces that shape our world and learn how you can intervene and make positive change. From culture to history, politics and tech – you'll understand how one influences the other and our everyday lives. We don't just focus on theory. You'll learn to communicate and implement your ideas effectively. These are valuable skills that are needed in almost every industry.

The flexible design of our courses gives you many options of majors, co-majors, minors and double degrees. This means you can explore all the topics that inspire you the most.

Careers you'll be trained for include international journalism, public policy, community development and writing.

### Our upgraded Bachelor of Arts

A cause that matters. A course to get you ready. A career to make an impact. Practise thinking creatively and innovatively to solve the world's social, economic and political challenges. Then, train to put your ideas into action. Every Arts student completes essential core units – in collaboration with your fellow students, you'll study Technology and Society as well as Skills and Strategies for Social Change. You'll also take part in the Work Integrated Learning 'Changemakers in Action' project and intern with a real-world organisation.

### Guaranteed internship

As a Bachelor of Arts student, you're guaranteed of real industry experience through an invaluable internship. You'll apply the concepts and principles of your study area in an industry workplace setting and to better appreciate the nature of employment in industry.

## Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Arts** 4 8 12

- Climate and Social Justice
- Criminology and Social Change
- Ethics and Technology
- Indigenous Studies
- Literature and Creative Writing
- Perspectives on Globalisation
- Politics, Power and Technology
- Screen Studies and Popular Culture

**Bachelor of Criminal Justice and Criminology** 16 8

**Also see**
- Bachelor of Media and Communication page 53

**#1 in Melbourne**
for the highest graduate salary
QILT: Graduates Outcomes Survey 2021-2023

**83%**
of graduates were satisfied with their educational experience
QILT: Course Experience Questionnaire 2022-2023

Scan for more info about our Arts, Humanities and Social Sciences courses







## Bachelor of Arts

3 years | Melbourne | March, August | A$36,280/year | 088388C | **Units** 4 8 12

Put your passion for a better world into a creative, meaningful career. In the Bachelor of Arts, you'll learn how societies evolve and humans change the world. Expect to focus on the world's most pressing problems, critical thinking, communication skills, cultural competency, digital literacy and building your confidence to make a difference.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Business, Bachelor of Engineering (Honours), Bachelor of Health Science, Bachelor of Laws, Bachelor of Psychological Sciences or Bachelor of Science (double degree duration 4 to 5 years).

**Also see** Bachelor of Media and Communication, page 53.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Arts and Communication (UniLink) see page 69

Majoring in

### Climate and Social Justice

Grapple with the climate crisis and growing levels of inequality within countries and across the globe. Develop a critical understanding of key concepts such as justice, rights, equality, and sustainability. Engage with essential contemporary debates over what a more just society could look like and explore ways this might be achieved.

**Career opportunities**
- Environmental officer
- Community advocate
- Policy analyst
- Community development officer
- Public administration.

Majoring in

### Criminology and Social Change

Gain an understanding of why crimes are committed and how they affect society. Examine the motivations behind criminal activity and learn how to analyse trends, formulate policies and create systems to help prevent it.

**Career opportunities**
- Journalist
- Public policy analyst
- Welfare worker
- Corrections officer
- Police officer
- Community development officer.

Majoring in

### Ethics and Technology

Explore the ways in which digital technologies are shaping our work, our relationships and dating practices, our health, our communications and our very selves. Examine the ethical issues around privacy and surveillance, human rights, equity and security by the use of data harvesting by private corporations and governments.

**Career opportunities**
- Social researcher
- Policy analyst
- Community development and aid work
- Industrial and community advocate.

Majoring in

### Indigenous Studies

Explore the rich history of Indigenous cultures throughout the world with a particular focus on the Aboriginal and Torres Strait Islander peoples. Learn about fundamental Indigenous concepts, including respect and relationships, connection to country, and kinship. Investigate imperialism and colonialism, and form a deep knowledge of the issues that define Indigenous people's experiences as Australian citizens in post-colonial society.

**Career opportunities**
- Community engagement and/or development officer
- Public relations executive
- Policy analyst
- Cultural liaison officer
- Advocacy worker
- Client services officer.

Majoring in

### Literature and Creative Writing

In this major, you'll develop an understanding of traditional and latest practice-led methods to hone your writing practice, explore how the online world has given power and voice to stories of diversity, unpack complex social issues to create persuasive writing that drives action and learn the art of crafting stories and scripts that evoke and inspire new ways of thinking about the world.

**Career opportunities**
- Journalist
- Publisher
- Writer
- Editor
- Public relations officer
- Novelist
- Screenwriter
- Copywriter.

Majoring in

### Perspectives on Globalisation

Gain an overview of the processes that transformed international relations across the twentieth century and explore the multiple social, cultural and political trajectories unfolding across the twenty-first century. View our common future from the vantage point of diverse Indigenous and civilisational points of view, and acquire a truly global perspective on the contemporary world.

**Career opportunities**
- Press officer
- Policy analyst
- Government relations manager
- Stakeholder relations manager
- Government administration
- International business executive
- Corporate media executive.

**Key** Duration | Location | Intake | Tuition fee | CRICOS code **Unit types** ■ Core unit ■ Major unit ■ Elective unit

## Bachelor of Arts majors (continued)

Majoring in

### Politics, Power and Technology

Develop a deep understanding of key political concepts such as power, democracy and security. Think critically about how technology interacts with and shapes structures of power, how it influences traditional political institutions and processes; and how it impacts on rights, security and political engagement at the local, national and global levels.

**Career opportunities**

- Social researcher
- Policy analyst
- Community development and aid work
- Political campaigner
- Industrial and community advocate.

Majoring in

### Screen Studies and Popular Culture

In this innovative, industry-orientated major, you'll explore the many ways entertainment and technology interact. You'll chart the history of entertainment technologies such as cinema, television, and videogames to anticipate future developments. You'll understand how the black mirrors that we keep in our pockets, our offices, and our homes not only reflect society, but also shape it.

**Career opportunities**

- Broadcast presenter
- Film researcher
- Production coordinator
- Community arts worker
- Film distribution coordinator
- Film festival manager
- Entertainment journalist.

## Bachelor of Criminal Justice and Criminology

3 years | Melbourne | March, August | A$36,940/year | 098002K | **Units** 16 8

In the first degree of its kind in Victoria, you'll unpack the causes of crime as well as the fallout. Examine the international dimensions of criminal justice, as well as the technological advances impacting the sector, including predicting the commission of crime, detecting and stopping criminal behaviour, and implementing effective and efficient criminal sanctions.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Cyber Security, Bachelor of Laws or Bachelor of Psychological Sciences (double degree duration 4 to 5 years).

**Pathway options**

- Swinburne Foundation Program see page 64
- Diploma of Arts and Communication (UniLink) see page 69

**Career opportunities**

- Law enforcement officer
- Intelligence analyst
- Investigator
- Crime analyst
- Victim support worker
- Government policy writer
- Corrections officer



**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit





Julia

Bachelor of Arts with a major in Professional Writing and Editing
(Now offered as a Bachelor of Arts with a major in Literature and Creative Writing)

"Being taught by active, passionate, dedicated and successful writers has been inspirational. Not only do they show me my career possibilities, but they also give realistic and encouraging advice on how to succeed in the industry."

# Aviation

## Join the global flight industry.

Study our Bachelor of Aviation and Piloting, and you could be in a plane in week 3 of your degree. Don't want to be a pilot, but like the idea of managing fleets, working in airports and airline companies? Choose our Bachelor of Aviation Management.

Our graduates are ready for careers in piloting, traffic control, management, compliance, network analysis and more.

### Guaranteed real industry experience

All aviation degree students work on collaborative projects to answer real industry problems faced by the industry and organisations such as Qantas and Melbourne Airport. In addition, you'll have the opportunity to apply for placements or internships related to your field of study.

**Qantas Future Pilot Program**

We have partnered with Qantas to offer a pilot pathway program that qualifies Swinburne's flight crew of the future to fly with QantasLink, the airline's regional brand.

QANTAS



### Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Aviation and Piloting** 12 8 4

**Bachelor of Aviation Management** 8 8 8

- Aviation Operations
- Uncrewed Aircraft Systems

| | |
|---|---|
| **Leading aviation education** | for more than 30 years |
| **FLY FIRST** | Take to the skies from Semester One with our CAE Melbourne flight training partnership |
| **4 industry projects** | Guaranteed throughout your aviation degree |
| | Scan for more info about our Aviation courses |

**Key** Duration Location Intake Tuition fee CRICOS code **Unit types** Core unit Major unit Elective unit





## Bachelor of Aviation and Piloting

3 years | Melbourne | March, August | A$221,610 or A$237,910 (total) | 093354D | **Units** 12 8 4

Become equipped for a professional career as a pilot.

Learn about the structure and operation of the aviation industry; undertake flying training at CAE Melbourne Flight Training; develop practical capabilities in management and analysis.

This course is designed to take graduates beyond the requirements for the Civil Aviation Safety Authority Air Transport Pilot Licence theory examination, and Commercial Pilot Licence and Multi-engine Aeroplane Instrument Endorsement practical tests. Elect to complete additional flying qualifications such as a Flight Instructor Rating or Part 61 approved Multi-crew Cooperation Course.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Prerequisites**

- General Mathematics
- A Skills Assessment Test is also required by CAE Melbourne Flight Training.

**Pathways options**

- Diploma of Engineering (UniLink) see page 69

**Career opportunities**

- Professional pilot.

## Bachelor of Aviation Management

3 years | Melbourne | March, August | A$46,590/year | 093355C | **Units** 8 8 8

Launch your aviation career in Australia or beyond – without being a pilot. Develop all the organisational, regulatory, safety, technical and business management skills you need – from how planes operate, to socially responsible practices, to how logistical partnerships work.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation or Bachelor of Business (double degree duration 4 years).

**Pathway options**

- Swinburne Foundation Program see page 64
- Diploma of Business (UniLink) see page 69

**Career opportunities**

- Aviation consultant
- Aviation regulatory and safety services manager
- Airline ground operations manager
- Airport manager
- Airline operations manager.

Majoring in

### Aviation Operations

Develop a comprehensive understanding of airport and airline management, aviation data analytics and regulatory frameworks, as well as in-demand skills in network planning, disruption management and strategic decision-making.

**Career opportunities**

- Aviation consultant
- Airport manager
- Airline operations manager
- Aviation regulatory and safety services manager
- Airline ground operations manager.

Majoring in

### Uncrewed Aircraft Systems

Gain a remote pilot licence and develop specialist skills and knowledge in Uncrewed Aircraft Vehicle (UAV) design, aerodynamics, navigation and data analysis. Graduate with a comprehensive understanding of Advanced Air Mobility, equipped for a wide range of roles in UAS, from airspace integration to aerial cinematography.

**Career opportunities**

- Aviation regulatory analyst
- Airspace integration specialist
- Aerial surveyor
- Aerial cinematographer
- Remote pilot (drone operator)
- Uncrewed Aircraft Systems (UAS) technician.

# Built Environment and Architecture

## Design innovative spaces to suit our changing world.

From interiors to buildings and bridges to cities, we need to create sustainable spaces that can work with the climate, environment and community surrounding them. At Swinburne, you'll learn to do exactly that. Through cutting-edge technology, exposure to industry and hands-on doing, you'll become our next gen architect, designer, engineer or architectural engineer.

### Guaranteed real industry experience

Depending on your degree, you may collaborate with industry specialists in several classes, or, work on industry projects where you'll develop design and management skills. On top of that, you'll have the opportunity to apply for a placement or internship.

### Organisations that have hosted our students

- Cox Architecture
- Memko Pty Ltd
- Carr Architecture and Design
- Billard Leece Partnership
- Architectus.

### Explore the ProtoLab

Studying Architecture?
Our state-of-the-art ProtoLab is a digital fabrication and design workshop containing 3D printers, collaborative robots and laser cutters. You can freely test your ideas, improve and learn.

Scan for more info about ProtoLab

### Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Design (Architecture)** 20 | 4

**Bachelor of Design (Interior Architecture) (Honours)** 16 | 8 | 8

**Also see**

- Bachelor of Engineering (Honours) with a major in Architectural Engineering or Civil Engineering page 36
- Advanced Diploma of Engineering Technology (22479VIC) – Civil Engineering Design page 36

**81.5%** of our graduates find jobs within 4 months of finishing their course
QILT: Graduates Outcomes Survey 2021-2023

**Design studio** Architecture students work alongside practising architects

**Digital first** Develop skills in digital and physical modelling and prototyping, 3D digital modelling and CAD software

Scan for more info about our Built Environment and Architecture courses







## Bachelor of Design (Architecture)

3 years | Melbourne | March | A$45,010/year | 095610K | **Units** 20 | 4

Develop the skills and knowledge required for innovative building design.

Tackle digital technology, environmental awareness, construction, practice, ethics, history and theory. Resolve a wide array of design challenges by formulating and actualising innovative design ideas in a series of stages from conception to finished design.

You'll study under the guidance of world-renowned academics in a variety of settings, from classrooms to workshops and design studios.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Design (UniLink) see page 69

**Career opportunities**
- Building designer
- Building project management
- Design coordination
- 3D architectural modeller
- Structural drafter
- Architectural consultant or designer.

## Bachelor of Design (Interior Architecture) (Honours)

4 years | Melbourne | March, August | A$45,010/year | 085306A | **Units** 16 | 8 | 8

Learn about the environments in which we spend our lives and how they are formed and fabricated.

Apply conceptual processes, creative tools, management strategies and research skills to designing a variety of public and private interior/spatial projects.

Learn to capitalise on new technologies and materials in the construction of indoor and outdoor 3D spaces.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Prerequisites**
- Art, Design or Media (any)

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Design (UniLink) see page 69

**Career opportunities**
- Interior designer
- Exhibition designer
- Property designer
- Retail designer
- Design consultant.



"So many opportunities presented themselves to me throughout the course. I was offered an internship, flew to New Zealand to design and construct a project for a festival, worked with a client to develop a prototype for an acoustically designed meeting room, and travelled to India for the Sustainable Architecture study tour. My digital design capabilities improved vastly. I gained real-world experience and built my connections with Industry. Now I'm ready for my career."

Amy

Bachelor of Design (Architecture)

Watch Amy talk about her study and internship experience →

# Business

Whether you want to lead a multi-million-dollar corporation or build your own from scratch, we'll teach you how.

Our courses cover all aspects of business, financial and management industries. That means you'll learn skills and practices that will set you up for success in any enterprise, anywhere in the world. Our graduates have gone on to work for companies like Deloitte, PwC, Telstra, National Australia Bank, ANZ Bank and IBM.

## Guaranteed real industry experience

If you're studying a bachelor degree, you'll build up your résumé with our Work Integrated Learning program, guaranteed. This could include working as part of a multidisciplinary team to solve a real business problem, answering an industry partner's brief, taking up an internship or even a placement.

## Professional recognition

We are recognised by leading industry organisations. You may be eligible for membership in organisations relevant to your major.

AACSB ACCREDITED · CHARTERED ACCOUNTANTS™ · CPA AUSTRALIA · acs · AHRI Accredited Course 2021 – 2023 · PRME an initiative of the United Nations Global Compact · CFA Institute University Affiliation Program

## Organisations that have hosted our students

- PwC
- Pitcher Partners
- ReeceTech
- Fenwick Software.

## Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Accounting** 8 8 8

**Bachelor of Artificial Intelligence in Business** 8 8 8

**Bachelor of Business** 8 8 8

- Accounting
- Business Administration
- Business Analytics and Analysis
- Entrepreneurship
- Finance
- Human Resource Management
- Logistics and Supply Chain Management
- Management
- Marketing
- Sports Management

**Bachelor of Business Analytics** 8 8 8

- Businesss Analysis
- Cyber Security Management

**Also see**

- Bachelor of Aviation Management page 19

**#1 in Melbourne**
for student support
QILT: Student Experience Survey 2021 and 2022

★★★★★
Five stars for overall experience and skills development
The Good Universities Guide 2024

**Our grads earn $2.5K more**
than the national median salary
QILT: Graduates Outcomes Survey 2021-2023

Scan for more info about our Business courses







Alex

Bachelor of Business with a major in Finance

"In one of my units, my project team was tasked with analysing Qantas airline's financial data and asked to consider how they handled the pandemic, how big their debt was, whether they were making a profit or loss and their overall financial position. We then had to put our findings in a report and provide a recommendation as to whether Australians should invest in the company or not.

Apart from learning so much about portfolio management, I now appreciate the importance of soft skills in professional settings – as a team, we had to give each other feedback in a positive way, understand each person's differing priorities and align everyone's schedules."

Find out more about Alex's study and industry experience →

## Bachelor of Accounting

3 years | Melbourne | March, August | A$43,430/year | 088381K | **Units** 8 8 8

Develop skills that are fundamental to evaluating, analysing and communicating the financial position of an organisation or individual.

Become prepared in the areas of economics, company law, financial accounting, management accounting, finance, tax and auditing.

**Professional accreditation** This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation (double degree duration 4 years).

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Business (UniLink) see page 69

**Career opportunities**
- Public accountant
- Business consultant
- Account manager
- Analyst
- Executive officer
- Corporate accountant

## Bachelor of Artificial Intelligence in Business

3 years | Melbourne | March, August | TBC | 118260M | **Units** 8 8 8

Develop the technical skills, strategic business insight, and innovative mindset to leverage artificial intelligence for better business decisions and efficiency in a changing world of work.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

Note: Course fees are subject to change.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Business (UniLink) see page 69

**Career opportunities**
- AI and data strategy consultant
- AI business analyst
- AI governance and ethics consultant
- AI product manager
- AI project manager
- AI transformation architect.

## Bachelor of Business

3 years | Melbourne | P S V | March, August | A$43,430/year | 088382J | **Units** 8 8 8

Gain core skills in business practices and decision-making before beginning major studies in your area of specialisation. Select at least one business major from the wide range listed below.

Cap it off with final-year consulting projects that will help you launch your future career.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Arts, Bachelor of Aviation Management, Bachelor of Business Analytics and Analysis, Bachelor of Design, Bachelor of Engineering (Honours), Bachelor of Health Science, Bachelor of Laws , or Bachelor of Media and Communication (double degree duration 4 to 5 years).

Select at least one business major from the wide range listed on page 25.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Business (UniLink) see page 69

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

P Also available at our partner locations in Penang and Subang, Malaysia. See page 75 for more information.
S Also available at our Sarawak campus. See page 72 for more information.
V Also available at our partner location in Hanoi, Vietnam. See page 74 for more information.





Majoring in

### Accounting

Develop skills that are fundamental to evaluating, analysing and communicating the financial position of an organisation or individual.

**Professional accreditation**

This degree is professionally accredited by CPA Australia, and Chartered Accountants Australia and New Zealand.

**Career opportunities**
- Accountant
- Business manager
- Project manager
- Administrator
- Risk analyst

Majoring in

### Business Administration

Gain an understanding of organisational management, strategies and principles. Develop practical, theoretical and conceptual skills, and an understanding about how businesses operate.

**Career opportunities**
- Business administrator
- Business manager
- Human resource officer
- Marketing coordinator
- Project officer.

Majoring in

### Business Analytics and Analysis

Learn about business analysis and problem-solving, systems analysis, project management, the provision of IS services, social networking in organisations, and mobile business and connectivity.

**Career opportunities**
- Business IT manager
- Business analyst
- Information architect
- IT consultant
- Systems analyst and tester.

Majoring in

### Entrepreneurship

Differentiate a business idea from a tangible business opportunity and use innovation theory and techniques to maximise that opportunity. Develop strategic thinking and planning skills, explore business models, interpret sales and marketing opportunities, build an effective team and source capital funding.

**Career opportunities**
- Business owner
- Entrepreneur
- Venture capital analyst
- Change manager
- Product developer
- Market researcher
- Product manager.

Majoring in

### Finance

Learn how to analyse and assess financial forecasts and the value of companies, to manage risk, to investigate investment opportunities, and to examine the values of shares and bonds.

**Professional recognition**

This major is recognised by the CFA Institute Affiliated University Program.

**Career opportunities**
- Investment manager
- Financial forecaster
- Business manager
- Project officer
- Administrator
- Risk analyst.

Majoring in

### Human Resource Management

Learn about the impact of human resource management as the driver of innovation and high performance in the workplace. Gain the skills and knowledge to manage and coordinate people to achieve strategic business objectives.

**Professional accreditation**

This major is professionally accredited by the Australian Human Resources Institute.

**Career opportunities**
- HR adviser
- HR consultant
- HR manager
- Organisational change coordinator.

Majoring in

### Logistics and Supply Chain Management

Learn the skills required to manage the supply chain for an organisation. Gain project management skills, learn how to deal with external partners and develop skills in sourcing materials and negotiating prices.

**Career opportunities**
- Supply chain manager
- Export control officer
- Logistics manager
- Imports coordinator
- Fleet manager
- Warehouse operations manager.

Majoring in

### Management

Learn about the role of management in business and discover how key resources must be planned, monitored and controlled to meet strategic business objectives. Develop the skills to manage yourself, to organise and lead others, to make creative and well-informed decisions, and to evaluate current situations.

**Career opportunities**
- Project manager
- Business manager
- Change manager
- Administrator
- Customer service manager
- Planning manager.

Majoring in

### Marketing

Develop the advanced marketing and managerial skills needed to succeed in the industry. Learn about buyer behaviour, innovation and design, planning, branding, channel design, integrated marketing communication and market research.

**Career opportunities**

- Marketing specialist
- Market research manager
- Advertising consultant
- Brand manager
- Product manager.

Majoring in

### Sports Management

Develop management skills for work in the dynamic sport and leisure industry. Learn how to manage community relationships and contribute to the sustainability of an organisation.

**Career opportunities**

- Sports administrator
- Corporate sponsorship director
- Brand manager.

## Bachelor of Business Analytics

3 years | Melbourne | March, August | A$43,430/year | 118264G | **Units** 8 8 8

Learn to harness data with Swinburne's Bachelor of Business Analytics. Gain insight into the AI and technology currently transforming industries, develop an understanding of data-driven business principles, and build professional skills and networks through strong industry connections. Graduate with the hands-on experience you need for an in-demand career.

Note: Course fees are subject to change.

**Pathway options**

- Swinburne Foundation Program
- see page 64
- • Diploma of Business (UniLink) see page 69

Majoring in

### Business Analysis

Develop the skills to analyse the requirements of users and learn how to transform business through technology. Discover approaches to analysing economic, social and environmental challenges and developing creative solutions that enable success.

**Career opportunities**

- Business analyst
- Process consultant
- Requirements analyst
- Systems analyst
- Systems architect
- Technical business analyst
- UX analyst.

Majoring in

### Cyber Security Management Major

Identify, assess and mitigate security threats. Master risk management, establish robust security frameworks and protect sensitive information. Become the digital defender every business needs.

**Career opportunities**

- Business analyst
- Business intelligence specialist
- Cyber security analyst
- Data analyst
- Project manager
- Solution architect.

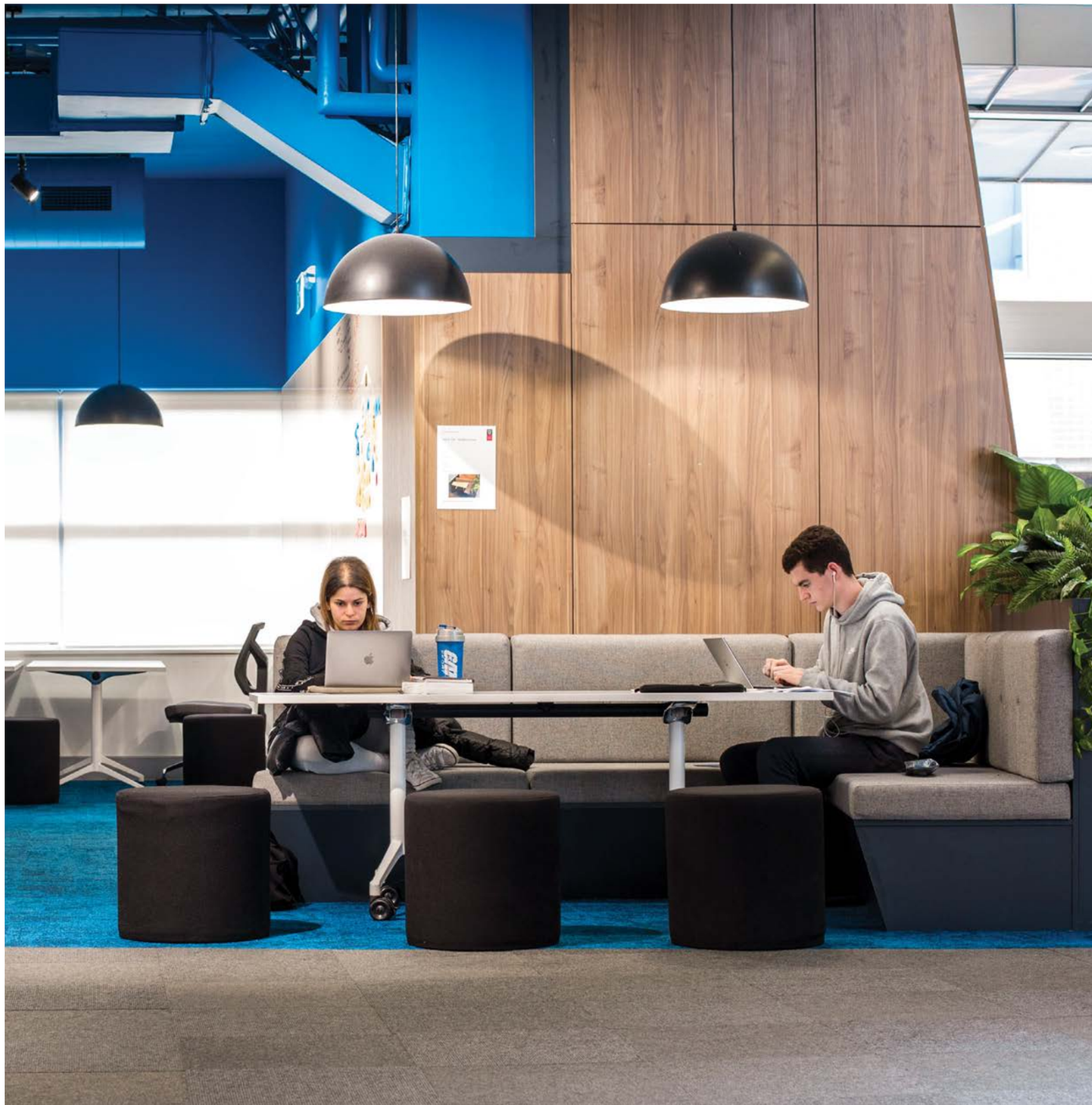
**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit





# Settle in for study

Cosy corners designed for solo studying or group discussion can be found all over campus, not least in the AGSE building, home of the business school.



# Design

## Everything we interact with was created by a designer. Want to influence the future? Here's how.

Learn in our next gen Advanced Manufacturing and Design Centre. Benefit from outstanding industry partnerships and exceptional real industry experience through the Design Factory Melbourne (part of the global Design Factory network) as well as the Innovation Precinct.

Start and accelerate your career in advertising, animation, industrial design, website and app design, furniture design and much more.

### Guaranteed real industry experience

In your final Capstone Project as a Bachelor of Design student, you'll team up with other students to work on an industry-related project which complements your major. Should you want to, you could also apply for a placement or internship related to your study.

### Professional recognition

Our courses are recognised by leading industry organisations. As a Swinburne student, you'll enjoy the benefits of recognition and membership.

- Australian Graphic Design Association (AGDA)
- Design Institute of Australia

### Organisations our students have engaged with

- Clemenger BBDO
- Museums Victoria
- The Thrills
- Thinkerbell
- Sakimoto Pty Ltd
- Satelight Design
- Diadem.

**Top 150 globally**

for art and design

2024 QS World University Rankings by Subject

**Adobe Creative Campus**

First uni in Australia where students get free access to the Adobe Creative Cloud and over 20 different apps

★★★★★

Five stars for the highest graduate full-time employment

The Good Universities Guide 2024

Scan for more info about our Design courses

## Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Design** 8 8 8

- Branded Environments
- Communication Design
- Motion Design
- Photomedia
- UX Interaction Design

**Bachelor of Design (Communication Design) (Honours)** 20 8 4

**Bachelor of Design (Fashion)** 8 8 8

**Bachelor of Design (Industrial Design) (Honours)** 16 8 8

**Also see**

- Bachelor of Design (Architecture) page 21
- Bachelor of Design (Interior Architecture) (Honours) page 21
- Bachelor of Engineering (Honours) with a major in Product Design page 37



### Advanced Manufacturing and Design Centre

Imagination becomes reality at our A$100 million Advanced Manufacturing and Design Centre. Researchers, students and clients come together to test ideas and create prototypes using the latest manufacturing and design techniques and technologies.

### Design Factory

Design Factory Melbourne encourages a culture of innovation and collaboration – students, research leaders, industry partners and entrepreneurs come here to solve complex problems, generate solutions and forecast the future. From experimenting with concepts and their value to the early stages of a product, DFM offers programs and support to suit.







## Erina

Bachelor of Design (Communication Design) (Honours)

"I feel that Swinburne has given me real industry experience. Many of my assignments require me to go through the process of receiving briefs, working on solutions, making presentations and receiving feedback, just like in industry. In my classes so far, I've learnt to build websites – apart from designing them, I've learnt to code and use Adobe Dreamweaver. My project team is currently working on a design strategy campaign for T2, the tea brand.

I'm also a Swinburne International Excellence Scholarship recipient, which means my family doesn't have to shoulder the burden of paying my fees in full."

Find out more about Erina's study and industry experience →

### Adobe Creative Campus

**Australia's first Adobe Creative Campus**

We want you to graduate with high digital literacy. That's why all Swinburne students have free access to the full Adobe Creative Cloud suite. That's over 20 Adobe applications. Build your portfolios, personal websites, presentations and so much more.

Scan for more info

## Bachelor of Design

3 years | Melbourne | S | March, August | A$42,890/year | 088395D | **Units** 8 8 8

Complete core units in your first year that introduce different design fields and to assist in selecting a major.

Choose from studies in branded environments, communication design, motion design, photomedia, and UX interaction design.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Business or Bachelor of Media and Communication (double degree duration 4 years).

**Prerequisites** swinburne.edu.au/course/undergraduate/bachelor-of-design/

**Also see** Bachelor of Design (Architecture) and Bachelor of Design (Interior Architecture) (Honours) page 21.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Design (UniLink) see page 69

**Career opportunities**
- See the design majors below.

Majoring in

### Branded Environments

This multidisciplinary course integrates communication design, interior architecture and environmental and experience design principles. You'll take a brand's identity beyond the visual and translate it into three dimensions. Learn how to think conceptually and communicate visually in our collaborative studios. Explore contemporary retail design and branding design problems.

**Career opportunities**
- Exhibition designer
- Visual merchandiser
- Interior designer
- Set designer
- Communications designer
- Communications researcher.

Majoring in

### Communication Design

Develop your design thinking and practice in order to prepare you to thrive in today's fast-paced digital environment. Learn core specialisms such as typography, image-making, brand and identity, 3D form packaging, information design, web design and publication design. Combine them with strategy, concept development and design to create razor-sharp ideas that cut through the competition

**Career opportunities**
- Communications designer
- Web designer
- UX designer
- Interaction designer
- Experience designer
- Design consultant.

Majoring in

### Motion Design

Design and motion come together in the future of visual communication. Mixing graphics, type, animation, video, photography and sound, you'll become a creative communicator for the whole range of digital platforms.

**Career opportunities**
- Motion designer
- Digital designer
- Animator
- Video producer
- Design consultant.

Majoring in

### Photomedia

Get set to turn your concepts into arresting campaigns, publications and digital products. Through photography lessons and workshops on experimental image processing, you'll gain a rich, foundational knowledge of how lighting, art direction, commercial studio practice and cutting-edge technological processes produce truly memorable images.

**Career opportunities**
- Photographer
- Video and motion graphics specialist
- Advertising consultant
- Design consultant.

Majoring in

### UX Interaction Design

Create a complete user experience from beginning to end. Take on a holistic approach in UX design, from research to storyboarding to prototyping. Develop a working knowledge and literacy in web design, experience design, interaction design, games development, AR and VR applications. Your knowledge in both CSS and HTML will give you a head start in your UX career.

**Career opportunities**
- User experience designer
- Customer experience designer
- Web and interactive designer
- Design consultant.





## Bachelor of Design (Communication Design) (Honours)

4 years | Melbourne | March | A$42,890/year | 079130D | **Units** 20 8 4

Develop your design thinking and practice in order to prepare you to thrive in today's fast-paced digital environment.

Learn core specialisms such as typography, image-making, brand and identity, 3D form packaging, information design, web design and publication design. Combine them with strategy, concept development and design to create razor-sharp ideas that cut through the competition.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Prerequisites**
- Art, Design or Media (any)

**Career opportunities**
- Communications designer
- Web designer
- UX designer
- Interaction designer
- Experience designer
- Design consultant.

## Bachelor of Design (Fashion)

3 years | Melbourne | March, August | A$41,110/year | 116377C | **Units** 8 8 8

Set yourself apart in the rapidly evolving world of fashion with a Bachelor of Design (Fashion) from Swinburne, created by experts to place you at the cutting edge.

Research, conceptualise, prototype and construct sustainable, technology-enabled designs, and define the future of fashion design.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Prerequisites**
- Portfolio

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Design (UniLink) see page 69

**Career opportunities**
- Fashion designer
- Design consultant
- Product manager
- Technical designer
- Stylist.

## Bachelor of Design (Industrial Design) (Honours)

4 years | Melbourne | March, August | A$45,010/year | 085305B | **Units** 16 8 8

Learn how to develop the products of the future from personal and household items to commercial and industrial equipment.

Develop creative and technological aptitude through a user-centred design program supported by business studies, professional practice, consumer knowledge, sustainability and design ethics.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Also see** Bachelor of Engineering (Honours) with a major in Product Design page 37.

**Prerequisites**
- Art, Design or Media (any)

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Design (UniLink) see page 69

**Career opportunities**
- Industrial designer
- Product designer
- Service designer
- Model maker
- Computer-aided designer
- Design consultant.

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

S Also available at our Sarawak campus. See page 72 for more information.

# Education

## Be a superhero to the next generation. Study to be a teacher.

Get the hands-on skills you need to succeed as an early childhood educator or primary school teacher. Explore classroom teaching and innovative learning approaches. And, take practical placements to ensure you graduate with the confidence you need to lead a classroom.

### Guaranteed real industry experience

As a Bachelor of Education student, you'll have a mandatory work placement of 80 or 91 days – so you'll have plenty of classroom practice by the time you finish your degree. You'll also practice teaching and develop confidence via our award winning virtual reality space Mursion.

### Professional recognition

Our degrees are professionally accredited and enable graduates to register and teach anywhere in Australia.

- Australian Children's Education & Care Quality Authority (ACECQA)
- Victorian Institute of Teaching (VIT)

### Courses at a glance

**Unit types** ■ Core ■ Elective ■ Prof Placement

| | |
|---|---|
| **Bachelor of Education (Early Childhood and Primary)** | 26 1 5 |
| **Bachelor of Education (Early Childhood Teaching)** | 24 4 4 |
| **Bachelor of Education (Primary)** | 24 4 4 |
| **Bachelor of Education Studies** | 16 8 |
| **Diploma of Early Childhood Education and Care** | |

**#1 in Melbourne**
for teaching practices, skills development, support services, and overall experience
QILT: Student Experience Survey 2021 and 2022

**#1 in Melbourne**
for overall graduate satisfaction
QILT: Course Experience Questionnaire 2022-2023

**Real classroom experience**
All our teaching degrees have a minimum of three placements to prepare you for your teaching career

Scan for more info about our Education courses

### Diploma of Early Childhood Education and Care CHC50121

1 year | Melbourne | February | A$19,960/total | 110207C

### Certificate III in Early Childhood Education and Care CHC30121

9 months | Melbourne | February | A$19,960/total | 110206D

Gain the necessary skills and knowledge to design and implement curriculum in early childhood education and care services. Entry to the diploma requires successful completion of the Certificate III in Early Education and Care.

**Pathway opportunities**
- Bachelor of Education (Early Childhood and Primary)
- Bachelor of Education (Primary)





### Bachelor of Education (Early Childhood and Primary)

4 years | Melbourne | March, August | A$34,200/year | 098491K | **Units** 26 1 5

Gain the skills needed to teach children from birth to twelve years old in childcare centres, kindergartens and primary schools. Choose from specialisations in Mathematics and English.

You'll complete 91 days of placement during the course to put into practice the skills you'll learn and to gain practical experience in the classroom.

**Entry requirements** IELTS overall band of 6.5 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** This degree is professionally accredited by the Australian Children's Education and Care Quality Authority (ACECQA) and the Victorian Institute of Teaching (VIT).

**Prerequisites**
- General Mathematics
- All students are required to sit the CASPer test and have a valid police check and Working with Children Check.

**Pathway options**
- Diploma of Early Childhood Education and Care CHC50121 see page 63

**Career opportunities**
- Early childhood director
- Early childhood teacher
- Early childhood worker.

### Bachelor of Education (Early Childhood Teaching)

4 years | Melbourne | March, August | A$34,200/year | 0101392 | **Units** 24 4 4

Learn how to nurture the curiosity of children up to five years of age and inspire a lifelong love of learning. Become a qualified early childhood educator in kindergartens, preschools and early learning centres. You'll complete four professional placements, which adds up to around 80 days of real classroom experience guided by an experienced mentor.

**Entry requirements** IELTS overall band of 6.5 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** This degree is professionally accredited by the Australian Children's Education and Care Quality Authority (ACECQA) .

**Prerequisites**
- All students are required to have a valid police check and Working with Children Check.

**Pathway options**
- Diploma of Early Childhood Education and Care CHC50121 see page 63

**Career opportunities**
- Early childhood teacher.

### Bachelor of Education (Primary)

4 years | Melbourne | March, August | A$37,520/year | 0100751 | **Units** 24 4 4

Learn the latest technology and teaching techniques to engage primary school children across a range of subject disciplines.

Develop the skills to design engaging and effective learning experiences through group work and school-based practical placements. You'll complete four professional placements, which adds up to around 80 days of real classroom experience guided by an experienced mentor.

**Entry requirements** IELTS overall band of 6.5 (Academic Module) with no individual band below 6.0 or equivalent

**Professional accreditation** This degree is professionally accredited by the Victorian Institute of Teaching (VIT).

**Prerequisites**
- General Mathematics
- All students are required to sit the CASPer test and have a valid police check and Working with Children Check.

**Career opportunities**
- Primary school teacher.

### Bachelor of Education Studies

3 years | Melbourne | March, August | A$36,080/year | 0100245 | **Units** 16 8

Discover how children learn. Critically review theory and practice in the primary school and early childhood areas.

Plan and implement effective teaching and learning in diverse contexts. Develop the skills for the future education workforce by tailoring your electives to a variety of education environments.

**Entry requirements** IELTS overall band of 6.5 (Academic Module) with no individual band below 6.0 or equivalent

**Career opportunities**
Graduates may work within the field of education in non-teaching roles such as those dedicated to policy, administration or management. Potential employment settings include government, local councils, community programs, galleries and museums, educational agencies, corporate and non-profit groups.

**Key** Duration | Location | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit | Prof Placement

# Engineering

If you love solving complex problems, using logic and building things, this could be your career.

All engineering students start with a common first year, so you have a chance to explore your interests before deciding on a major. Choose from architectural, biomedical, civil, electrical and electronic, mechanical, product design, robotics and mechatronics or software engineering.

You could work in the building and construction sectors, or in software, transport, industrial design, energy and civil infrastructure industries.

## Guaranteed industry experience

In the Bachelor of Engineering (Honours) you'll develop technical and management skills across 8 industry-linked projects, each building on the previous one. You also have the option of applying for further placements or internships.

## Professional recognition

Our engineering degrees are professionally accredited by Engineers Australia. Graduates are also eligible to register with the Board of Engineers Malaysia (BEM).

ENGINEERS AUSTRALIA

## Organisations that have hosted our students

- Cisco
- Siemens
- National Instruments



Scan for more info

## Love motorsport?

You could join the student-led Team Swinburne. They design, build and race a car in the Formula SAE competition circuit.

## Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

**Bachelor of Construction Management** 10 8 4

**Bachelor of Construction Management (Honours)**

**Bachelor of Engineering (Honours)** 10 18 5

- Architectural
- Biomedical
- Civil
- Electrical and Electronic
- Mechanical
- Product Design
- Robotics and Mechatronics
- Software

**Associate Degree of Engineering** 12 4

**Advanced Diploma of Engineering Technology**

**Top 100 globally**
for civil engineering
2023 Academic Ranking of World Universities by Subject

**#36 globally**
for automation and control
2023 Academic Ranking of World Universities by Subject

**8 industry projects**
guaranteed throughout your Bachelor of Engineering (Honours) degree

Scan for more info about our Engineering courses







Wendy

Civil Engineer, Taylor Thomson Whitting
Bachelor of Engineering (Honours) graduate

"Swinburne helped me find real industry experience through a professional placement with Bass Coast Shire Council. My position was titled Student Engineer and the organisation treated my contributions seriously. I was given considerable responsibilities and roles on projects – I was happy that I could learn so much so quickly. I continued on with the organisation until I graduated from Swinburne. At that point, they offered me the title of Design Engineer. Of course I said yes!

I feel lucky that the professional placement led to extended employment – how many engineering graduates can say they left university with over 2 years of industry experience?"

Find out more about Wendy's study and industry experience →

## Bachelor of Construction Management (Honours)

3 years | Melbourne | March, August | A$42,140/year* | 118324M | **Units** 10 8 4

In an Australian first, we've partnered with global tech company Trimble, to provide you with industry-standard, state-of-the-art hardware and software technology that you'll use in this course to prepare you for a career in construction management with high-level skills.

You'll learn to identify and use various digital technologies and sophisticated techniques including modelling and simulations for a range of construction management aspects such as time, cost, quality, productivity, safety and sustainability.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

Note: Course fees are subject to change.

**Career opportunities**
- Digital construction manager
- Building Information Modelling (BIM) specialist
- Project manager
- Quality and safety manager
- Construction site supervisor
- Procurement manager.

## Bachelor of Engineering (Honours)

4 years | Melbourne | S | March, August | A$47,320/year | 107337H | **Units** 12 16 4

Complete core units in your first year that introduce different engineering fields and to assist in selecting a major.

Apply your learning in a professionally focused, multidisciplinary project during your final year of study. Undertake at least 12 weeks of professional experience.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Arts, Bachelor of Business, Bachelor of Computer Science, Bachelor of Laws or Bachelor of Science (double degree duration 5 to 6.5 years).

**Professional accreditation** Our engineering degrees are professionally accredited by Engineers Australia.

**Prerequisites**
- General Mathematics

**Pathway options**
- Diploma of Engineering (UniLink) see page 69
- Advanced Diploma of Engineering Technology 22479VIC see page 63
- Advanced Diploma of Engineering Technology - Electrical UEE62111 see page 63

## Advanced Diploma of Engineering Technology – Electrical UEE62122

2 years | Melbourne | February | A$22,000/year | 115162D

Gain the necessary skills and knowledge to evaluate, design, update and implement industrial automation systems to a technical and pre-degree level.

**Pathway opportunities**
- Bachelor of Engineering (Honours)

## Associate Degree of Engineering

2 years | Melbourne | March, August | A$40,310/year | 108893E | **Units** 12 4

This course is a broad-based point of entry into employment as an associate engineer and offers the chance to move into study at bachelor level. Learn about civil engineering, electrical engineering, engineering management and mechanical engineering.

**Professional accreditation** The Associate Degree of Engineering is accredited by Engineers Australia at associate level.

**Prerequisites**
- General Mathematics

**Pathway opportunities**
- Bachelor of Engineering (Honours)

**Career opportunities**
- Para-professional engineer
- Engineering officer
- Associate engineer.



**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

S Also available at our Sarawak campus. See page 72 for more information. *Fees are subject to change.





Majoring in

### Architectural

Combine innovative design principles with an engineering approach to architecture. Gain the technical expertise and management skills needed to plan, design and build spaces that people want to live and work in. Apply best practices in sustainability, health and wellbeing, and SMART technology to architecture.

**Career opportunities**
- Design engineer
- Structural systems engineer
- Architectural engineer
- Project engineer.

Majoring in

### Biomedical

Learn about the application of electrical, electronics and systems engineering in medicine and biology. Learn how to develop and use new technologies such as medical instrumentation and prosthetic devices that can be used to advance and improve health care and quality of life.

**Career opportunities**
- Biomedical engineer
- Clinical engineer
- Medical device designer
- Medical electronics engineer.

Majoring in

### Civil

Gain technical expertise and management skills needed to plan, design, construct and maintain infrastructure such as buildings, bridges, dams, water supply systems, waste treatment systems, road and rail networks, airports and seaports.

**Career opportunities**
- Civil engineer
- Civil design engineer
- Structural engineer
- Environmental engineer.

Majoring in

### Electrical and Electronic

Gain technical expertise in power system design, electronics, control systems, signal processing and embedded systems. Learn how to apply skills and knowledge in the design, construction, operation and maintenance of electronics and electrical energy infrastructure.

**Career opportunities**
- Electrical engineer
- Electronics engineer
- Communications engineer
- Power engineer
- Design engineer.

Majoring in

### Mechanical

Learn the core concepts of mechanics, kinematics, thermodynamics, fluid mechanics and energy. Go beyond the classroom and participate in industry projects and practical workshops.

**Career opportunities**
- Mechanical engineer
- Mechanical project engineer
- Design engineer
- Project and technology manager
- Engineering project manager.

Majoring in

### Product Design

This course combines studies in industrial design and engineering, linking the creativity and human-centred approach of industrial design with the academic rigour of engineering science, material and manufacturing process selection, project management and innovation.

**Career opportunities**
- Industrial designer
- Industrial engineer
- Product designer
- Product design engineer
- Entrepreneur
- Design consultant.

Majoring in

### Robotics and Mechatronics

This course integrates three traditional engineering disciplines – mechanical, electronics and software. Complete units in computer-aided engineering, control systems, electronics, machine dynamics and design, mechatronics systems design and development, programming, project management and structural mechanics.

**Career opportunities**
- Robotics and mechatronics engineer
- Control systems engineer
- Factory automation adviser
- Robotics developer.

Majoring in

### Software

Learn advanced software engineering with an emphasis on teamwork, problem-solving and practical software engineering skills, including quality assurance, project management and industry-standard development techniques and tools.

**Career opportunities**
- Software engineer
- Software systems developer
- Software modeller
- Project and technology manager.

**Key** Duration | Location | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

# Film and Television

## Make movies, series and content to entertain, educate and inspire.

With new technology and streaming services, our relationship to the cinema, TV and our mobile screens has changed. Learn the creative and practical skills you need to succeed, whether it's in directing, producing, screenwriting or creating special effects.

Our students and graduates have shown and won at multiple local and international festivals.

### Guaranteed industry experience

If you're a degree student, you'll either produce a film or develop a screen-based media project. You'll also have the chance to apply for a placement or internship related to your area of study.

### Professional recognition

Depending on your major, you may be eligible for membership in the following organisations:

- Australian Cinematographers Society
- Australian Directors Guild
- Australian Screen Editors Guild
- Australian Writers Guild
- Screen Producers Association of Australia.

### Organisations that have hosted our students

- SunJive Studios
- MINA (Mobile Innovation Network and Association)
- WTFN Entertainment.



## Courses at a glance

**Unit types** Core Major Elective

| | |
|---|---|
| **Bachelor of Film and Television (Honours)** | 8 16 8 |
| **Bachelor of Screen Production** | 8 8 8 |

**Also see**

- Bachelor of Animation page 41
- Bachelor of Design with a major in Motion Design page 30

**World's BEST**

*"Swinburne is the finest film/video production school in the world"*

Hunter Todd, Founding Director of WorldFest-Houston International Film Fest.

**Berlin premiere**

Graduate Takumi Kawakami's short film *Paper Crane* premiered at the 68th Berlin International Film Festival

**ARIA nominated**

Graduate Nick Kozakis directed the video for *Dance Monkey* by Tones and I, which was #1 in 30 countries, has been viewed over 1.7 billion times on YouTube, and was nominated for Best Video at the ARIAs

Scan for more info about our Film and Television courses





### Bachelor of Film and Television (Honours)

4 years | Melbourne | March | A$45,510/year | 092513B | **Units** 8 16 8

Gain the essential creative skills, technical knowledge and theory to make high-quality cinema, television and digital media productions.

Collaborate to make films through research, screenwriting, direction, project management and production skills such as cinematography, sound editing and visual effects.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Also see** Bachelor of Animation page 41, and Bachelor of Design with a major in Motion Design page 30.

**Career opportunities**

- Screenwriter
- Director
- Cinematographer
- Editor
- Producer
- Post production manager.

### Bachelor of Screen Production

3 years | Melbourne | March, August | A$44,840/year | 105727K | **Units** 8 8 8

Gain an understanding of how technological shifts are driving changes across a broad range of established and emerging media industries.

Learn the digital literacy and media production skills required for multiple broadcast platforms including smartphones, networked environments and social media applications.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation (double degree duration 4 years).

**Pathway options**

- Swinburne Foundation Program see page 64

**Career opportunities**

- Digital media producer
- Digital sound production
- Social media specialist
- Digital project manager
- Digital media consultant.

## Shortlisted for an Oscar

An Oscar-shortlisted short film was an impossible dream when they started a Bachelor of Film and Television at Swinburne. But for Andrew Goldsmith and Bradley Slabe, along with fellow alumni Rennie Watson and Dave Abbott, it became a very exciting reality when their seven-minute animated stop-motion film, *Lost & Found*, was shortlisted for the 2019 Academy Awards. It took the team three years of story development,14 months of shooting and almost 6,000 hours of work to bring the film to life, and it all began at Swinburne.

"Swinburne had a reputation for being a top film course that was both theoretical and hands-on, which appealed a lot to me," says co-director Andrew. "Another valuable part of the course was forming relationships with people who are the future of the industry."



### Andrew Goldsmith and Bradley Slabe, Rennie Watson, Dave Abbott

Film and Television (Andrew and Bradley), Design (Rennie), and Multimedia and Media Studies (Dave).

**Key** Duration | Location | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit

# Games and Animation

## Create games or join the gamification revolution.

We don't just make games for fun. Gamifying any experience is a great way to help people remember information and feel engaged. From education to consumer products, every industry now uses some form of gaming to connect with customers and employees. And all games need animators. So let's get your career started, now.

### Guaranteed industry experience

Based on which degree you choose, you'll team up with your fellow students to create and showcase a game or pitch, develop and produce an animated project for exhibition. You'll also have the opportunity to apply for a placement or internship that complements your area of interest.

### Professional recognition

Depending on your major, you may be eligible for membership in the following organisations:

- Australian Interactive Media Industry Association
- Games Developers' Association of Australia
- Computer science (majoring in games development) degrees are accredited by the Australian Computer Society (ACS).

### Organisations that have hosted our students

- EA Firemonkeys
- Robot Circus
- BES Animation
- Studio 21-19
- Chimney Group.

### Best student game in the world

It's a pretty handy credit to add to your LinkedIn profile. And it's one that a group of Swinburne students claimed at LA's prestigious The Game Awards in 2017. Their entry, a 2D puzzle platformer game called *Level Squared* (or *LVL*$^2$), won the inaugural Student Game Award, beating out entries from all over the world. Not bad for a first effort.

In accepting the award, design lead and student Stephen said Swinburne is "the best place in Australia to learn how to make games". The entire team, known as Glitch Crab Studios, said that having access to The Arcade and the mentorship of Swinburne's teachers were crucial to their success.



### Courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

| | |
|---|---|
| **Bachelor of Animation** | 8 8 8 |
| **Bachelor of Games and Interactivity** | 4 8 12 |

**Also see**

- Bachelor of Computer Science with a major in Games Development page 48
- Bachelor of Design with a major in Motion Design page 30

**Play at PAX**

Final-year students design, create and showcase games for everyone to play at PAX

Scan for more info about our Games and Animation courses

## Bachelor of Animation

3 years | Melbourne | March | A$45,510/year | 092511D | **Units** 8 8 8

Gain practical, hands-on experience in 2D, 3D and stop-motion animation for film and television, visual effects and games.

Learn about film, television and animation history and theory; and the development of narrative structures as applied to animation.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Games and Interactivity (double degree duration 4 years).

**Also see** Bachelor of Design with a major in Motion Design page 30.

**Pathway options**

- Swinburne Foundation Program see page 64

**Career opportunities**

- Cinematographer
- Editor
- 2D and 3D animators
- Stop motion animator
- Director
- Producer
- Screenwriter.

## Bachelor of Games and Interactivity

3 years | Melbourne | March | A$41,100/year | 088399M | **Units** 4 8 12

Learn about the role of games in contemporary society and how games are developing as a cultural industry.

Undertake a range of projects focusing on analog and digital games, and develop practical and creative research and communication skills in a games lab environment.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Animation, Bachelor of Applied Innovation or Bachelor of Computer Science (double degree duration 4 years).

**Also see** Bachelor of Computer Science with a major in Games Development page 48.

**Pathway options**

- Swinburne Foundation Program see page 64
- Diploma of Arts and Communication (UniLink) see page 69
- Diploma of Business (UniLink) see page 69
- Diploma of Design (UniLink) see page 69
- Diploma of Information Technology (UniLink) page 69

**Career opportunities**

- Games developer
- Multimedia developer.



**Key** Duration | Location | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit

# Health

## Explore the many healthcare professions that positively impact people's lives.

Counselling, nutrition, exercise and sport science, psychology and more – these are just some of the areas in which to build a fulfilling career. We'll teach you specialised skills and show you how to apply them in brand new facilities furnished with the latest technology. Then, you'll get plenty of practice through clinical placements.

### Guaranteed industry experience

As a degree student, a very important portion of your studies will be an industry-linked project to address a current industry challenge. You'll also have the chance to apply for a placement or internship, so you can start building your professional network before you graduate.

### Professional recognition

All three-year undergraduate majors in psychology are professionally accredited by the Australian Psychology Accreditation Council.

### Organisations that have hosted our students

- Monash Health
- St Vincent's Hospital
- Peter MacCallum Cancer Centre
- The Alfred
- Royal Melbourne Hospital
- The Royal Children's Hospital
- Austin Health
- GSK (GlaxoSmithKline).

### Courses at a glance

**Unit types** Core Major Elective

**Bachelor of Exercise and Sport Science** 20 4

**Bachelor of Biomedical Science** 8 8 8

**Bachelor of Health Science** 8 8 8

- AI and Digital Health
- Biomedical Science
- Clinical Technologies
- Neuroscience
- Nutrition 8 16
- Public Health and Health Promotion

**Bachelor of Nutrition** 8 8 8

**Also see**

- Bachelor of Nursing page 55

**Pathways to postgrad**

Prep yourself for a master degree in dietetics, occupational therapy, counselling, physiotherapy and more

**Only uni in Australia**

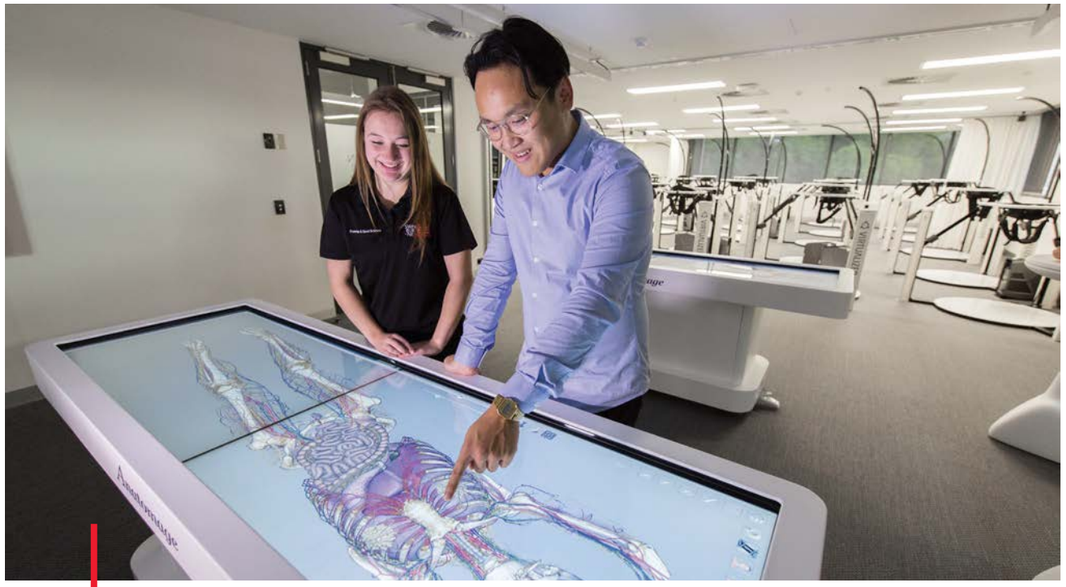
to have both MRI and MEG at a single site

Scan for more info about our Health courses









### Human-sized iPads?

Forget just staring at textbooks – when you study health at Swinburne, you'll also be learning using the latest technology and equipment in our brand-new, state-of-the-art facilities. Like our Anatomy Lab. Learn about the human body using large interactive screens (think human-sized iPads), which allow you to expand your knowledge and understanding in an interactive way.

## Bachelor of Biomedical Science

3 years | Melbourne | March | A$40,520/year | 116519E | **Units** 8 8 8

The world needs highly skilled biomedical graduates and Swinburne's new tech-focussed Bachelor of Biomedical Science is the ideal entry into this vital healthcare domain.

Learn in an engaging and immersive environment using state-of-the-art technology and facilities, including virtual reality and digital dissection.

You'll get the chance to take up real industry experience with leading organisations like Peter MacCallum Cancer Centre, and the Royal Children's Hospital.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Pathway options**
- Diploma of Health Science (UniLink) see page 69

**Career opportunities**
- Biomedical technician
- Medical scientist
- Health information officer
- Clinical trials coordinator
- Microbiology technical officer.

## Bachelor of Exercise and Sport Science

3 years | Melbourne | March | A$43,430/year | 097922M | **Units** 20 4

Improve the health, fitness and performance of individuals and teams through training, coaching and advice.

Learn how to navigate the increasingly digitised exercise and sport industry through access to cutting-edge laboratories and technology, including wearable sensors, virtual reality and 3D analysis equipment. Gain real-world experience through industry-based entrepreneurial and research projects.

**Prerequisites**
- General Mathematics

**Pathway options**
- Diploma of Health Science (UniLink) see page 69

**Career opportunities**
- Sports scientist
- Performance analyst
- Coaching/development officer
- Strength and conditioning specialist
- Cardiac technician.

## Bachelor of Health Science

3 years | Melbourne | March, August | A$40,520/year | 077669G | **Units** 8 8 8

Explore Australian and international health challenges from a range of perspectives. Examine the physical, and social aspects of health in a variety of settings. Choose from a wide range of major study areas.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Arts, Bachelor of Business, Bachelor of Media and Communication or Bachelor of Science (double degree duration 4–5 years).

**Also see** Bachelor of Nursing page 55.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Arts and Communication (UniLink) see page 69
- Diploma of Business (UniLink) see page 69
- Diploma of Health Science (UniLink) see page 69

Majoring in

### AI and Digital Health

diagnostics, image analysis, patient monitoring, personalised healthcare, as well as drug discovery. The major prepares you to drive innovation in modern healthcare environments..

**Career opportunities**
- AI Health solution consultant
- Digital health analyst
- Digital health program coordinator
- Clinical informaticist
- Health data scientist
- Health innovation program developer.

Majoring in

### Biomedical Science

Explore biology, medicine, disease, chemistry and physiology to form a comprehensive understanding of the health of humans. You will learn skills to investigate and understand human biology, and gain the ability to critically analyse and interpret biomedical and scientific data.

**Career opportunities**
- Biomedical technician
- Hospital scientist
- Biotechnology product developer
- Clinical trials coordinator
- Medical laboratory scientist
- Microbiology technical officer.

Majoring in

### Clinical Technologies

Learn about anatomy and physiology using cutting-edge MedTech. Learn to use point-of-care, industry-standard devices to medically monitor cardiopulmonary, renal and neurophysiology systems. Develop knowledge about the technology and modern instrumentation used in clinical care and monitoring environments such as analytical and research laboratories.

**Career opportunities**
- Hospital scientist
- Cardiac technologist
- Clinical neurophysiologist
- Respiratory technologist
- Sleep technologist.

Majoring in

### Neuroscience

You'll learn to interpret data generated by MRI and MEG machines to identify healthy brains, brain disorders and diseases of the central nervous system. Discover cutting-edge technologies for measuring nervous system function as well as contemporary research in neurobiology.

**Career opportunities**
- Neuroscientist
- Pharmaceutical representative
- Medical device technician
- Hospital scientist
- Clinical neurophysiology technologist
- Clinical trials manager
- Sleep technician.

Majoring in

### Nutrition

Gain an understanding of food sources, metabolic functions of carbohydrates, proteins, vitamins and minerals along with the biological, psychological, cultural and social determinants of food choices in order to understand the role of nutrition in health across the lifespan.

**Career opportunities**
- Nutritionist
- Nutrition analyst
- Nutrition teacher
- Nutrition researcher
- Public health worker
- Health program developer
- Digital content developer.

Majoring in

### Public Health and Health Promotion

Health promotion is essential for addressing contemporary health, social, and environmental challenges and enabling people to take control over their lives. Gain skills and knowledge in health science, statistics, cultural studies, communication and leadership.

**Career opportunities**
- Community developer
- Health education and promotion officer
- Policy developer
- Government officer
- Community officer
- Project officer.

**Key** Duration | Location | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit



## Bachelor of Nutrition

3 years | Melbourne | March, August | A$40,520/year | 116518F | **Units** 8 8 8

Become a leader in the ever-expanding nutrition industry with a career-focussed, technology led education. You'll study progressive food trends, sustainable nutrition and food's impact on health and wellbeing in a lab-based environment.

Graduates will be eligible to apply for membership of the Nutrition Society of Australia.

**Pathway options**
- Diploma of Health Science (UniLink) see page 69

**Career opportunities**
- Nutritionist
- Food technologist
- Health promotion officer
- Quality assurance officer
- Nutrition adviser.



# Information Technology

## As a tech expert, you'll lead the world.

We'll give you the knowledge and skills to excel wherever the application of IT is needed (everywhere!). From complex and critical industries to daily instances, you'll be equipped to problem solve, innovate and positively impact society.

Your career options are limited only by your imagination – defence, aerospace, medicine, finance, transport, manufacturing, energy, business and more.

### Guaranteed industry experience

If you're a degree student, you'll complete 6 industry-linked projects – 6 chances to collaborate in a team, take briefs, develop solutions and present them for feedback, just like in the workplace. You'll have the additional opportunity of applying for a placement or internship.

### Professional recognition

Our IT degrees are professionally accredited by ACS.

### Organisations that have hosted our students

- Paper Cut Software
- Integrated Application Development
- Infrabuild
- Quitch
- System of the Future
- Data61
- Mendix
- Oracle

### Virtual Design Lab

Swinburne's Virtual Design Lab visualises, models and tests new systems and product ideas. Right now, they're using virtual reality to evaluate above-ground fire shelters, investigating an e-plane that can take off vertically and so much more.

Scan for more info



### Our courses at a glance

**Unit types** Core · Major · Elective · Prof. Placement

**Associate Degree of Applied Artificial Intelligence** 8 8 8

**Bachelor of Computer Science (Professional)** 8 8 6 4

**Bachelor of Computer Science** 8 8 8

- Artificial Intelligence
- Cyber Security
- Data Science
- Games Development
- Internet of Things
- Software Development

**Bachelor of Cyber Security** 8 8 8

**Bachelor of Data Science** 8 8 8

**Bachelor of Information and Communication Technology (Professional)** 8 8 6 4

**Bachelor of Information and Communication Technology** 8 8 8

- Information Technology
- Network Technology
- Software Technology

**Also see**

- Bachelor of Business with a major in Business Analytics page 25
- Bachelor of Business Analytics page 26
- Bachelor of Engineering (Honours) with a major in Software Engineering page 37

| | |
|---|---|
| **Top 75 globally** | for computer science and software engineering. Source: 2024 ARWU Global Ranking of Academic Subjects |
| 80% | of our graduates find jobs within 4 months of finishing their course QILT: Graduates Outcomes Survey 2021-2023 |
| **6 industry projects** | throughout your Bachelor of Computer Science and Bachelor of Information and Communication Technology degrees |
| $1.1M **Cisco Networking Academy** | Six state-of-the-art labs and 700 Cisco devices |
| | Scan for more info about our Information Technology courses |







## Thao

Bachelor of Computer Science (Professional)

"I know that practical experience is really important, which is why I chose a professional degree. I'll do three years of study (a standard degree) plus a 12-month, paid placement with an employer. I want to gain insight into the computer science industry and start making connections early. I know Swinburne has a great network of industry partners, Australian and global, so I'm confident I'll find a placement that I like. Hopefully that leads to a job when I graduate."

Find out more about Thao's study and industry experience →

## Bachelor of Computer Science (Professional)

4 years | Melbourne | March, August | A$42,600/year | 095880K | **Units** 8 8 6 4

### Prerequisites

- Mathematics (any)

### Pathway options

- Diploma of Information Technology (UniLink) see page 69

Note: Pathway options do not include the Bachelor of Computer Science (Professional)

## Bachelor of Computer Science

3 years | Melbourne | P, S , V | March, August | A$42,600/year | 088400A | **Units** 8 8 8

Learn about software development, the internet of things, networking and cybersecurity while gaining a sound understanding of the traditional aspects of computer science.

Explore contemporary approaches to application development involving mobile devices  languages, including C++, C#, Objective C and Java.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional degree** This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.

**Professional accreditation** This degree is professionally accredited by the Australian Computer Society.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Engineering (Honours), Bachelor of Games and Interactivity or Bachelor of Laws (double degree duration 4 to 5 years).

Majoring in

### Artificial Intelligence

Learn the fundamental concepts of AI, apply advanced algorithms and data structures to solve problems, and design software that implements AI concepts.

**Career opportunities**

- AI engineer
- Machine learning specialist
- Data analytics specialist
- AI researcher.

Majoring in

### Cyber Security

Learn the fundamentals of encryption systems, access control, the internet and get into the minds of malicious hackers and cyber-criminals. Learn their tricks and how to defeat them.

**Career opportunities**

- Cybersecurity consultant
- Digital forensics expert
- Information system security officer
- Cybersecurity system designer.

Majoring in

### Data Science

Learn the statistical methods and tools needed to manage big datasets and the visualisation techniques needed to represent and understand that data.

**Career opportunities**

- Data scientist
- Data analyst
- Business analyst
- Data solutions manager
- Information systems analyst
- Market intelligence analyst.

Majoring in

### Games Development

Focus on the design and programming of computer games and other interactive software. Gain skills in software development using an object-oriented approach and specialist areas in games design and development. Learn about the creative and design aspects of multimedia and internet technologies, particularly as applied to games development.

**Career opportunities**

- Software developer
- Video game creator
- Computer programmer
- Data solutions manager.

Majoring in

### Internet of Things

Gain the core programming skills and knowledge needed to develop a variety of open-source Internet of Things (IoT) platforms, devices and software. Learn to solve problems by analysing data from internet-connected devices.

**Career opportunities**

- Mobile application developer
- Full-stack software developer
- Solution architect
- IT consultant
- Digital developer.

Majoring in

### Software Development

Learn how to architect big systems, write phone and tablet apps and produce software that is better than industry standard. Then scale your applications up to the cloud for hacker-proof, robust and reliable software applications.

**Career opportunities**

- Software developer
- Software designer
- Digital developer
- IT consultant.



**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit | Prof Placement

P Also available at our partner location in Subang, Malaysia. See page 75 for more information.
S Also available at our Sarawak campus. See page 72 for more information.
V Also available at our partner location in Vietnam. See page 74 for more information.





## Bachelor of Cyber Security

3 years | Melbourne | March, August | A$44,510/year | 109148H | **Units** 8 8 8

Develop security-related expertise to exploit and defend against idealised and real-life cybersecurity threats.

Learn the fundamentals of IT security, including secure programming, penetration testing, risk management and cyber resilience, then use those skills to design and implement a cybersecurity strategy.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** This degree is professionally accredited by the Australian Computer Society.

**Double degree options** Bachelor of Business Analytics and Analysis, Bachelor of Criminal Justice and Criminology, or Bachelor of Laws (double degree duration 4 to 5 years).

**Also see** Bachelor of Computer Science majoring in Cyber Security page 48.

### Pathway options

- Diploma of Information Technology (UniLink) see page 69

### Career opportunities

- Cyber analyst
- Penetration tester
- Cyber security consultant
- Information system security officer.

## Bachelor of Data Science

3 years | Melbourne | March, August | A$44,510/year | 109149G | **Units** 8 8 8

Acquire a broad knowledge of methods and contemporary tools used in different domains of data science, particularly relating to medium- and large-scale projects.

Apply data analysis and decision-making skills to glean insights into industry relevant problems.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** This degree is professionally accredited by the Australian Computer Society.

**Also see** Bachelor of Computer Science majoring in Data Science page 48.

### Prerequisites

- Mathematics (any)

### Pathway options

- Diploma of Information Technology (UniLink) see page 69

### Career opportunities

- Data scientist
- Data engineer
- Machine learning engineer
- Data warehouse architect
- Data analyst.

## Bachelor of Information and Communication Technology (Professional)

4 years | Melbourne | March, August | A$42,600/year | 095881J | **Units** 8 8 6 4

## Bachelor of Information and Communication Technology

3 years | Melbourne | P, S | March, August | A$42,600/year | 088401M | **Units** 8 8 8

Explore computer and network configurations, web and application programming, and database design and maintenance.

Specialise in a particular aspect of information and communication technology.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional degree** This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.

**Professional accreditation** This degree is professionally accredited by the Australian Computer Society.

**Combine this degree with** Bachelor of Applied Innovation (double degree duration 4 years).

**Also see** Bachelor of Business Analytics and Analysis page 26.

**Pathway options**

- Swinburne Foundation Program see page 64
- Diploma of Business (UniLink) see page 69
- Diploma of Information Technology (UniLink) see page 69

Note: Pathway options do not include the Bachelor of Information and Communication Technology (Professional)

Majoring in

### Information Technology

Learn how to plan and implement an information system, identify and debug issues, design and develop web applications and manage data while considering the requirements of the client or business.

**Career opportunities**

- Computer programmer
- Web developer
- Systems analyst
- Application programmer
- Database administrator
- IT support specialist
- Systems administrator.

Majoring in

### Network Technology

Specialise in the networking aspect of information and communication technology infrastructure. Gain four Cisco certifications.

**Career opportunities**

- Network technician
- Telecommunication network designer
- Telecommunication network developer
- Network architect
- IT consultant.

Majoring in

### Software Technology

Learn how to enhance and maintain existing applications and assist in the choice of software for the needs of an organisation.

**Career opportunities**

- Systems architect
- Business requirements analyst
- Technical writer
- Application integration specialist
- Software developer.



## Cisco Networking Laboratory

With six state-of-the-art labs, 17 network racks, and 700 Cisco devices, the Cisco Networking Lab is designed to teach you the skills required to thrive in a digital economy.

Scan for more info →

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit | Prof Placement

P Also available at our partner location in Subang, Malaysia. See page 75 for more information.
S Also available at our Sarawak campus. See page 73 for more information.

# Media and Communication

## This is media and communication for the digital age.

Learn about shaping the conversation with the channels we now interact with the most. Examine the power of words and images and prepare for a career in advertising, social media, journalism, art direction, digital media, production and more.

### Guaranteed industry experience

Bachelor degree students will work on an industry-linked project relevant to their major. For example, you may find yourself creating a radio documentary, short story, website, short film or game. Or, you could work in a team to plan a digital advertising campaign.

### Professional recognition

Our advertising major is professionally accredited by:
- Media Federation of Australia

Our public relations major is professionally accredited and graduates may be eligible for membership of:
- Public Relations Institute of Australia

With a range of majors, bachelor degree students have a chance to connect with leading organisations in their field of study.
- Media, Entertainment and Arts Alliance (journalism major)
- Australian Interactive Media Association (digital advertising major)

### Our courses at a glance

**Unit types** Core Major Elective

**Bachelor of Media and Communication** 4 8 12
- Advertising
- Cinema and Screen Studies
- Creative Writing and Publishing
- Immersive Media
- Journalism
- Public Relations
- Social Media

**Also see**
- Bachelor of Arts page 15

**Top 200 globally**
for communication
2024 ARWU Global Ranking of Academic Subjects

**Australia's 1st Adobe Creative Campus**
Get free access to the Creative Cloud and over 20 apps

Scan for more info about our Media and Communication courses



"I've loved every subject and have been able to get a feel for many industries, including television, audio, advertising, graphic design and marketing. Another highlight has been great support from my lecturers and tutors – I never hesitate to ask for assistance and feedback. The welcoming and inclusive social aspect at Swinburne has meant that, once I graduate, I'll have life-long friends."

Catherine

Bachelor of Media and Communication





## Bachelor of Media and Communication

3 years | Melbourne | V | March, August | A$40,850/year | 088390J | **Units** 4 8 12

Learn how the media sector is evolving through an examination of issues, such as diversity, the influence of social networking data, ownership and privacy, and the digital economy.

This flexible degree will help prepare you for a career you'll be passionate about. Plus, you'll benefit from free access to – and coaching in – Adobe Creative Cloud while you're studying.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Business, Bachelor of Design, Bachelor of Health Science or Bachelor of Laws (double degree duration 4 years).

**Also see** Bachelor of Arts page 15.

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Arts and Communication (UniLink) see page 69

Majoring in

### Advertising

Gain vital knowledge and skills needed to succeed in the complex and creative world of advertising. Learn how to design advertisements that not only please clients but achieve the ultimate purpose of reaching the audience in the desired way.

**Professional accreditation**

This major is professionally accredited by the Media Federation of Australia.

**Career opportunities**
- Marketing and sales professional
- Public relations officer
- Advertising consultant
- Media planner
- Brand strategist.

Majoring in

### Cinema and Screen Studies

Explore moving-image traditions and theories. Develop screen-specific research and writing skills and become prepared for roles in media organisations and across a range of creative industries.

**Career opportunities**
- Broadcast presenter
- Film researcher
- Production coordinator
- Community arts worker
- Film distribution coordinator
- Film festival manager
- Entertainment journalist.

Majoring in

### Creative Writing and Publishing

Gain an understanding of creative text and popular culture in literature. Develop models for your own writing and critiquing skills in literature, while exploring subjects such as self and society.

**Career opportunities**
- Journalist
- Publisher
- Writer
- Editor
- Novelist
- Screenwriter
- Producer
- Advertising consultant.

Majoring in

### Immersive Media

Learn how to develop content for the future of entertainment, business and advertising with a major in immersive media. Engage in 360, VR (Virtual Reality), AR (Augmented Reality), and MR (Mixed Reality) interactive experiences.

**Career opportunities**
- Entertainment manager
- Immersive content developer
- Media analytics and sales coordinator
- Advertising and marketing specialist
- Digital Storyteller
- Immersive Specialist.

Majoring in

### Journalism

Combine traditional journalistic skills with online publishing, multimedia production and the skills required for interacting with audiences, social networking and building online communities. Publish and broadcast working online, television, radio and print outlets.

**Career opportunities**
- Editor
- Journalist
- Radio producer
- Television presenter
- Publisher
- Social commentator.

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

V Also available at our partner location in Hanoi, Vietnam. See page 75 for more information.

Majoring in

### Public Relations

Study theories of influence, build your understanding of the media, and learn how to manage the public perception of an organisation. Develop skills in event management, writing, project management and issues communication to help companies build lasting relationships with the people most important to their success.

**Professional accreditation**
This major is professionally recognised by the Public Relations Institute of Australia (PRIA).

**Career opportunities**
- Communications officer
- Crisis manager
- Fundraising and sponsorship coordinator
- Public relations officer
- Marketing officer.

Majoring in

### Social Media

Gain a comprehensive understanding of social media platforms within social, cultural and industry contexts. Learn how to analyse new and emerging media technologies and drive their use and innovation across industry.

**Career opportunities**
- Digital advertising specialist
- Digital marketer
- Social media officer
- Social media producer.







# Nursing

## Be a 21st century nurse prepared for any challenge.

With Swinburne's strength in technology and innovation, you'll use simulation technology and realistic case studies to learn. Our small classes also mean that you'll get the individualised support and attention you need to develop into a next gen nurse.

### Guaranteed industry experience

Complete 800 clinical practicum hours at leading hospitals and healthcare institutions. On top of that, you'll have the opportunity to team up with fellow students and collaborate with industry partners on a project.

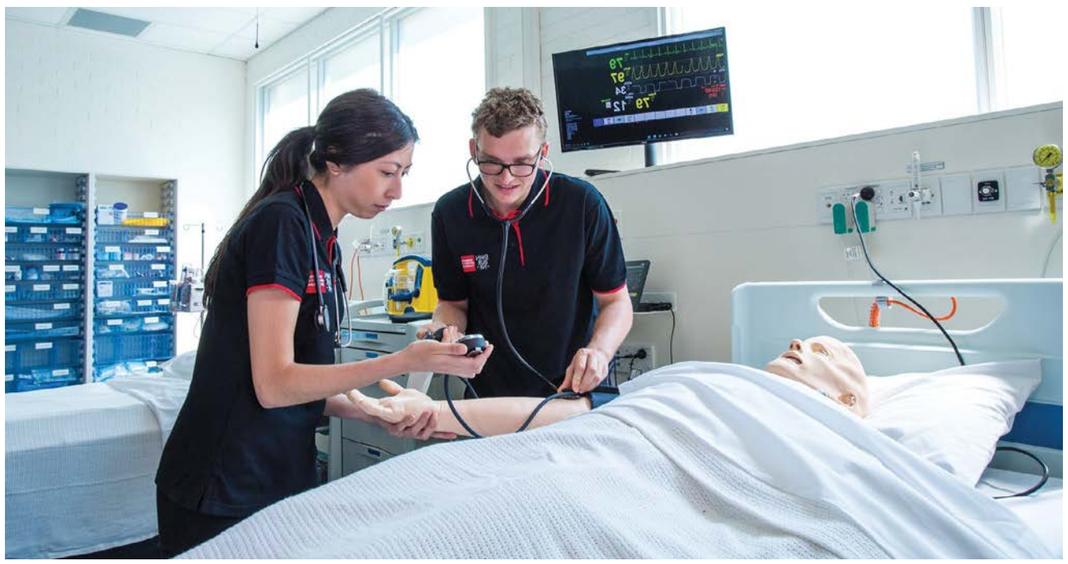
### Our courses at a glance

**Unit types** ■ Core ■ Major ■ Elective

| | |
|---|---|
| **Bachelor of Nursing** | 24 |

**Also see**
- Bachelor of Health Science page 44

| | |
|---|---|
| **#1 in Melbourne** | for graduate satisfaction<br>QILT: Course Experience Questionnaire 2022-2023 |
| **Hands-on** | In our Bachelor of Nursing you'll complete 800 hours of clinical placement |
| ★★★★★ | Five stars for learner engagement<br>The Good Universities Guide 2024 |
| | Scan for more info about our Nursing course |



## Bachelor of Nursing

3 years | Melbourne | March | A$45,010/year | 097923K | **Units** 24

Undertake hands-on laboratory work and training in our new and redeveloped state-of-the-art clinical laboratories.

Complete clinical work placements in a range of health settings, including acute hospital, aged-care, day surgery or mental health environments in metropolitan or regional areas.

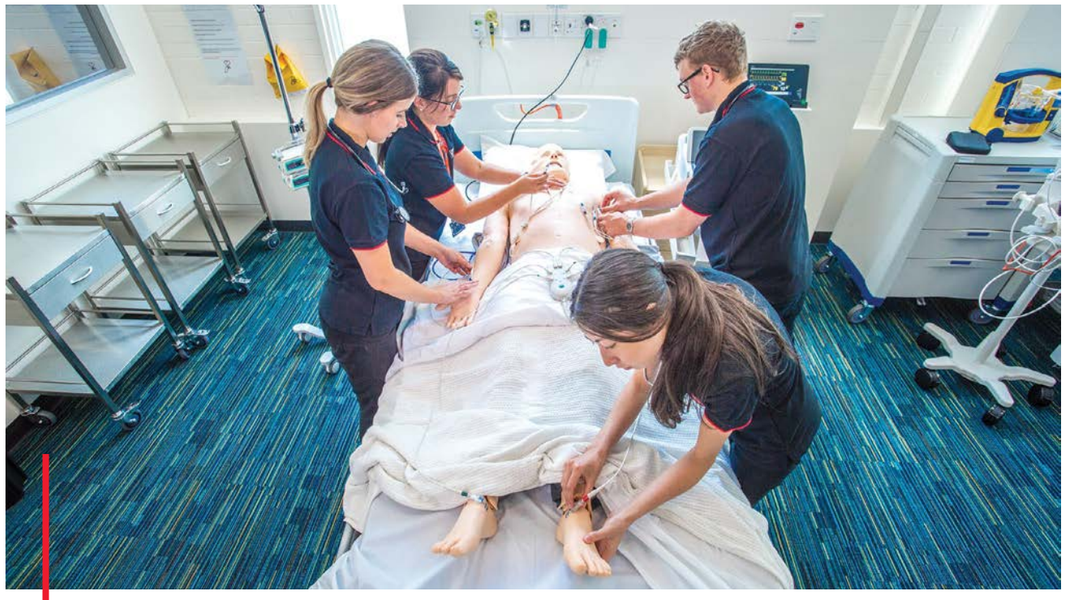
**Entry requirements** IELTS overall band of 7.0 (Academic Module) with no individual band below 7.0 or equivalent

**Professional accreditation** This degree has been accredited by the Australian Nursing and Midwifery Accreditation Council and is listed as an approved program of study on the Australian Health Practitioner Regulation Agency (AHPRA) website.

Students are required to have a valid police check and Working with Children Check. Evidence of a completed adult vaccination program is required before clinical placements are undertaken.

**Career opportunities**

- Registered nurse.



### Cutting-edge facilities

Our new state-of-the-art nursing facilities will ensure you're getting practical training and working with the latest technology and equipment right from the start of your study. Gain hands-on experience in our purpose-built nursing labs, and put what you've learnt to the test in our Simulation Ward. Here, you'll work with high-tech mannequins that simulate various physiological symptoms in a hospital-style environment, and watch others in action from the Observation Deck. It's all designed to prepare you to feel confident in administering patient care in a range of health settings on placement and beyond.

**Key** Duration | Location | Intake | Tuition fee | CRICOS code **Unit types** Core unit | Major unit | Elective unit





# Psychology

## Explore human nature. It's knowledge you could apply in so many different fields.

We combine theory and practical skills in our teaching. And once you uncover the secrets of the human brain, you'll be able to understand what motivates actions and behaviours.

Start a career in forensic psychology, clinical practice, counselling, human resources, marketing, journalism, policy development and more.

### Guaranteed industry experience

Psychology and psychological sciences students will work on industry-linked research projects. Depending on your degree, you may also have the option to apply for a placement or internship.

### Professional recognition

The Bachelor of Psychology (Honours) and the three-year undergraduate major in psychology are professionally accredited by the Australian Psychology Accreditation Council.

apac accredited.

**The largest psychology clinic in Australia**
Swinburne Psychology Clinic

**250,300 more jobs**
Healthcare industry jobs will grow 14.9% over the next five years
Department of Jobs and Small Business-Industry Projections Science

**#1 in Melbourne**
for the highest graduate salary
QILT: Graduates Outcomes Survey 2021-2023

Scan for more info about our Psychology courses

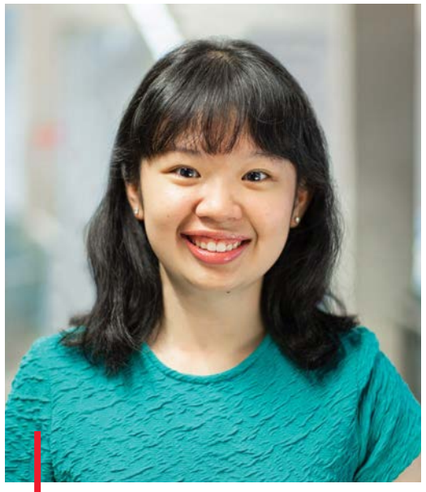
### Our courses at a glance

**Unit types** Core | Major | Elective

| | |
|---|---|
| **Bachelor of Psychological Sciences** | 4 8 12 |
| **Bachelor of Psychology (Honours)** | 8 14 12 |

**Also see**

- Bachelor of Criminal Justice and Criminology page 16



## Samantha

Bachelor of Health Science with a major in Psychology and Forensic Science

For Samantha, taking high school biology and reading true crime sparked her interest in forensics. Passionate about both psychology and biology, particularly the workings of the human brain, Samantha was disappointed to think she could only choose one area for undergraduate study.

"Most universities offer forensic science or forensic psychology only at a postgraduate level. So, when I heard about this course at Swinburne, I was thrilled!"

After graduating from her 'perfect combo' course, Samantha plans to gain industry experience before returning to Swinburne to undertake the integrated PhD program.

## Bachelor of Psychological Sciences

3 years | Melbourne | March, August | A$42,220/year | 088389B | **Units** 4 8 12

Gain the knowledge and skills to understand and explain human behaviour and relationships.

Learn about abnormal psychology, cognition, developmental psychology, personality, social psychology and statistics, as well as biology, chemistry and physiology.

**Entry requirements** IELTS overall band of 6.5 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council.

**Combine this degree with** Bachelor of Arts, Bachelor of Criminal Justice and Criminology (double degree duration 4 years).

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Health Science (UniLink) see page 69

**Career opportunities**
- Psychologist (with further study)
- Social welfare consultant
- Medical researcher
- Child safety officer
- Clinical worker
- Health officer
- Child development officer.

## Bachelor of Psychology (Honours)

4 years | Melbourne | March | A$43,850/year | 088386E | **Units** 8 14 12

This degree is an integrated four-year program designed to satisfy the first step towards becoming a professional psychologist.

Gain the knowledge and skills to understand and explain human behaviour and relationships. Learn about abnormal psychology, cognition, developmental psychology, psychological assessment, personality, social psychology and statistics, as well as biology, chemistry and physiology.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Professional accreditation** The four-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council.

**Career opportunities**
- Psychologist (with further study)
- Social welfare consultant
- Medical researcher
- Child safety officer
- Clinical worker
- Health officer
- Child development officer.




**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit





# Science

From global health to the climate and oceans to space, make discovery your everyday goal.

Focus on practical learning and research. Experiment in our state-of-the-art laboratories. Grow your connections with national and international researchers and industries. We'll teach you to have a scientific mindset, which is in demand by so many fields. You can even add Space Technology as a second major to your course.

## Guaranteed industry experience

Science degree students will work on three industry-linked projects – one for every year of study. This includes the unit, Grand Challenges in Science, in their final semester, where you'll work with an industry, community or academic partner. You'll have the additional opportunity of applying for a placement or internship.

## Professional recognition

Our science courses are recognised by leading industry organisations. The Australian Institute of Physics (AIP) has accredited the below courses and its related major and minor combinations:

- Bachelor of Science with a major in Physics and a Mathematics minor
- Any double degree with a major in Physics and a Mathematics minor.

Graduates may be eligible for membership of a number of organisations relevant to their major area of study, including:

- Double degrees may provide additional opportunities for membership of leading industry organisations.

## Organisations that have hosted our students

- Boron Molecular
- Coleman Rail
- CSIRO
- CSL
- DSTG
- Exxon Mobil
- Forethought
- Steritech
- Symbio Laboratories.

### Our courses at a glance

**Unit types** Core | Major | Elective

**Bachelor of Astronomy and Astrophysics** 8 8 8

**Bachelor of Science** 8 8 8

- Applied Mathematics
- Biochemistry
- Biotechnology
- Chemistry
- Environmental Science
- Physics

**Also see**
- Bachelor of Health Science page 44

**Top 200 in the world** for physics
2023 Academic Ranking of World Universities by Subject

**Gravitational wave astronomy leaders** Swinburne leads OzGrav, the A$31.3 million ARC Centre of Excellence for Gravitational Wave Discovery

**Underground Physics Lab** We're studying dark matter deep underground in this one-of-a-kind lab in Stawell

**Study space technology** All bachelor degree students can take Space Technology as their co-major

Scan for more info about our Science courses

## Bachelor of Science

3 years | Melbourne | S | March, August | A$44,510/year | 088402K | **Units** 8 8 8

Learn to solve problems with a scientific mindset and choose from majors including applied mathematics, physics, chemistry, biochemistry, biotechnology and environmental science. Gain the skills, knowledge and key insights required to work in a range of professional scientific environments.

**Entry requirements** IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0 or equivalent.

**Combine this degree with** Bachelor of Applied Innovation, Bachelor of Arts, Bachelor of Engineering (Honours), Bachelor of Health Science or Bachelor of Laws (double degree duration 4 to 5 years).

**Also see** Bachelor of Health Science page 44.

**Prerequisites**
- General Mathematics

**Pathway options**
- Swinburne Foundation Program see page 64
- Diploma of Health Science (UniLink) see page 69
- Diploma of Science (UniLink) see page 69

Majoring in

### Applied Mathematics

Gain a broad understanding of mathematical and numerical methods used to describe phenomena and to predict behaviours. Explore how to make sense of big data and complexity. Learn to model fundamental processes in physical and life sciences, social sciences, consumer behaviour and finance.

**Career opportunities**
- Actuary
- Data analyst
- Mathematical modeller
- Meteorologist and climate modeller
- Quantitative analyst
- Scientific programmer.

Majoring in

### Astronomy and Astrophysics

Gain a broad understanding of mathematical and numerical methods used to describe phenomena and to predict behaviours. Explore how to make sense of big data and complexity. Learn to model fundamental processes in physical and life sciences, social sciences, consumer behaviour and finance.

**Career opportunities**
- Actuary
- Data analyst
- Mathematical modeller
- Meteorologist and climate modeller
- Quantitative analyst
- Scientific programmer.

Majoring in

### Biochemistry

Study the molecules of life and the fundamental nature of matter in terms of molecules, reactions and properties. Examine how biochemical knowledge can be applied to a range of industries and medical investigations, focusing on skills such as culturing microorganisms and investigating complex molecules, including enzymes and DNA.

**Career opportunities**
- Clinical biochemist
- Diagnostic laboratory scientist
- Medical researcher
- Pathology scientist
- Research assistant
- Research and development scientist.

Majoring in

### Biotechnology

Examine the fundamental sciences that underpin biotechnology – chemistry, biochemistry, microbiology and statistics – while investigating the application of biotechnology to areas such as business, ethics and environmental science.

**Career opportunities**
- Clinical biochemist
- Diagnostic laboratory scientist
- Forensic scientist
- Medical researcher
- Pharmaceutical scientist.

Majoring in

### Chemistry

Learn far-reaching applications of chemistry, including forensic science, polymer formation, water analysis, the creation of new materials, agricultural chemistry, environmental science and analytical chemistry.

**Career opportunities**
- Clinical biochemist
- Diagnostic laboratory scientist
- Food/beverage production technician
- Medical researcher
- Pharmaceutical scientist.

Majoring in

### Environmental science

Learn about the relationship between local, global, social and ecological issues and the responsibility of the different groups involved in sustainability. Gain scientific skills, such as chemistry, biology and microbiology, to address environmental sustainability in the future.

**Career opportunities**
- Environmental analyst
- Environmental sustainability scientist
- Plant and animal breeder
- Sustainability analyst
- Water quality expert.

Majoring in

### Physics

Gain fundamental knowledge of classical and modern physics and the physics of nanoscience and technology, as well as hands-on experience in experimental physics. You can also undertake a co-major outside your major field of study such as space technology.

**Career opportunities**
- Climate modeller
- Financial analyst
- Meteorologist
- Physicist
- Statistician
- Renewable energy specialist.



## Star Power

From black holes to the Big Bang, Associate Professor Alan Duffy is one of Australia's top experts on all things galaxy-related. His research into dark matter and astrophysics has led to regular appearances in the media and on television, including Australian shows like *The Project* and *News Breakfast*, to explain science in ways we can all understand. In fact, his ability to communicate complex scientific ideas and discoveries in an engaging way won him the national 2018 Celestino Eureka Prize for Promoting Understanding of Science. Recently, he added to his impressive list of awards with the Academic of the Year nod at the inaugural Australian Space Awards. He also launched Swinburne's latest endeavour, the new Space Technology and Industry Institute, in January 2021. For Alan, the sky is definitely not the limit.

## Alan Duffy

Astrophysicist, Lead Scientist of the Royal Institution of Australia, Swinburne Associate Professor and Research Fellow

Find out more about our Space Technology and Industry Institute here →

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code | **Unit types** Core unit | Major unit | Elective unit

S Also available at our Sarawak campus. See page 73 for more information.

# English language programs

## ELICOS+ Scholarship

- English classes packaged together with your Swinburne course.
- Get refunded for up to 10 weeks' worth of ELICOS tuition fees in the first three semesters of your course.
- That's up to A$5000 worth of English lessons.
- This offer is exclusive to Swinburne and will help raise your English to university standard.
- Course duration is from 10 to 30 weeks, depending on your ability and goals.

## Why study English at Swinburne?

- Swinburne is placed in the Top 1% of universities worldwide[1]
- We are rated 5 Stars for the quality of our educational experience[2]
- Progress directly into other Swinburne courses
- Personalised study experience and extensive student support
- Free English testing
- Maximum of 18 students per class
- Studying in Australia's no. 1 student city[3].

[1] QS World University Rankings 2025
[2] The Good Universities Guide 2024
[3] QS Best Student Cities Ranking 2024

## When can I start?

Don't wait to start improving your English. We run classes every five weeks.

## English for Academic Purposes (levels EAP 3 to EAP 5)

These courses are a step up from General English and will give you direct pathways into Swinburne's certificate, diploma, bachelor, master and even PhD courses. Learn communication skills for a higher level of study and how to think critically.

These classes use scientifically supported learning strategies and real-world case studies. You'll learn how to analyse and respond to a range of current media.

## English language requirements for undergraduate study

Successful completion of one of the following English language requirements:

- Swinburne's EAP 5 (Advanced level) with overall 65% and all skills 65% or above
- Minimum IELTS overall band of 6.0 (Academic Module) with no individual band below 6.0
- TOEFL (internet-based) minimum score of 64 with no band less than 13 in reading, 12 in listening, 18 in speaking, 21 in writing
- Pearson (PTE) minimum score of 50 (no communicative skills less than 50).

Note: the Bachelor of Education, Exercise and Sport Science, Law, Nursing, Psychological Sciences, Psychology (Honours), and professional degrees have higher English proficiency requirements. Refer to Course Search for more information: **swinburne.edu.au/study**

Scan for more info about ELICOS →

## ELICOS pathways

| 10 weeks | 10 weeks | 10 weeks | 10 weeks | Your IELTS score |
|---|---|---|---|---|
| | | EAP3 ← | | 4.5/5.0 |
| | EAP 4 ← | | | 5.0 |
| EAP 5 ← | | | | 5.5 |
| EAP 5 ← | | | | 6.0 |
| Postgraduate degrees (most) and undergraduate degrees in education, exercise and sport science, law, psychological sciences, psychology (honours), and professional degrees:<br>• IELTS 6.5 with no individual band below 6.0<br>• EAP 5 Advanced level with overall 70% and all skills 65% | Undergraduate degrees (most):<br>• IELTS 6.0 with no individual band below 6.0<br>• EAP 5 Advanced level with overall 65% and all skills 65%<br>Postgraduate Qualifying Program:<br>• IELTS 6.0 with no individual band below 5.5<br>• EAP 5 Advanced level with overall 65% and all skills 60% | Foundation Program, UniLink diplomas:<br>• IELTS 5.5 with no individual band below 5.0<br>• EAP 4 Upper intermediate level with overall 65% and all skills 60% | | |

Note: Master degrees in dietetics, occupational therapy, and physiotherapy; and undergraduate degree in nursing have higher English proficiency requirements. Refer to Course Search for more information:





# Vocational education

Diplomas and certificates focus on learning for work and aim to build the skills and technical expertise that make you employable. Graduates of diplomas or advanced diplomas can progress to a bachelor degree with credit for your studies, allowing you to advance to later stages of your chosen degree.

## Your vocational pathway opportunities

| | | | |
|---|---|---|---|
| **Your schooling** | Australian Year 12 or equivalant | OR | Foundation Program |
| | English language courses (as required) | | |
| **Swinburne vocational pathways** | Certificate IV → | Diploma → | Advanced Diploma |
| **Swinburne bachelor degrees** | You can progress to a bachelor degree with credit(s) from your diploma or advanced diploma | | |




**Key** Duration Location Intake Tuition fee CRICOS code

# Foundation Program

## Swinburne Foundation Program is a pre-university program for international students.

It is designed to help you make a smooth transition into university by developing your study and learning skills.

At Swinburne, you can be confident of receiving the highest quality teaching in a nurturing and student-focused environment.

### Pathway opportunities

On successful completion of the Swinburne Foundation Program, you're guaranteed a place in your preferred degree at Swinburne as long as you meet the bachelor degree entry requirements and prerequisites.

If you don't wish to transfer directly into a bachelor program, you can keep studying in a supportive environment through one of our UniLink diploma programs, before entering the first or second year of a Swinburne bachelor degree.

### Progression requirement

Students completing the Foundation Program must achieve at least 65% average overall and a 60% average in Academic and Communication Skills A and B for entry to a bachelor degree. Note that some degrees require a higher percentage average overall for entry.

Students intending on progressing to:

- an Engineering course, must complete MTH00012 Foundation Mathematics.
- a Design course, must complete at least one of DDD00002 Design Fundamentals, or GRA00004 Drawing and Illustration.

### At a glance

**Duration**
8 months

**Location**
Melbourne, Australia

**Intakes**
February, June, October

**Tuition fee**
A$30,960

**CRICOS code**
113264C

**Contact hours**
>720 contact hours

**Mode of study**
Depending on your program, you could experience a combination of lab work, design studio work, lectures, seminars, online work, tutorials and excursions

**Academic requirement**
Successful completion of an Australian Year 11 or equivalent studies.

**Age requirement**
At least 17 years of age at time of commencement.

**IELTS requirement (academic module)**
Overall band 5.5 (with no individual band below 5.0)



### Foundation Program structure

| | | | |
|---|---|---|---|
| **Foundation Program** | Teaching Period 1 → | Teaching Period 2 → | Bachelor degree OR UniLink diploma |

## A supportive and friendly environment

At Swinburne, you can be confident of receiving the highest quality teaching in a nurturing and student-focused environment.



# UniLink Bridging Program

The UniLink Bridging Program is your pathway to a UniLink diploma if you don't meet the entry requirements. You'll build your knowledge in business, design or engineering while you gain the confidence to communicate at a tertiary level in Australia.

Students progressing from Swinburne College to a Swinburne University degree will be eligible for the same scholarship awarded to direct-entry students.

## Complete the UniLink Bridging Program if you:

- completed an Australian Year 12 or equivalent qualification but did not meet the entry requirements for a UniLink diploma
- do not have the prerequisite subjects required for business, design or engineering programs
- would like to transfer from another Australian education provider to Swinburne's UniLink diploma and don't meet the entry requirements.

## Progression requirement

Students completing a UniLink Bridging Program must achieve at least 50% average overall for entry to a UniLink diploma.

### At a glance

**Duration**
4 months

**Location**
Melbourne, Australia

**Intakes**
February, June, October

**Tuition fee**
A$16,940

**CRICOS code**
112999E

**Academic requirement**
Successful completion of Australian Year 12 (or equivalent).

**IELTS requirement (academic module)**
Overall band 6.0 (with no individual band below 5.5) or equivalent.

swinburne.edu.au/course/degree-pathway/unilink-bridging-program-te-ubp1/?student_type=international








## The excitement of Orientation Week

Find new friends, join a club, attend events and get acquainted with Swinburne's culture during your first week at university!



# UniLink diplomas

UniLink diplomas are accredited, award-level higher education qualifications that provide an alternative pathway to the second year of a range of bachelor degrees offered at Swinburne.

The course content is similar to the first year of a bachelor degree but the classroom environment is different. Classes are smaller and you will have more individual attention from your teachers to help you adjust to university. Your class will include local and international students, providing an enriching study experience.

## Pathway opportunities

By successfully completing all units of study of a UniLink diploma, you're guaranteed a place in the first or second year of a Swinburne bachelor degree. The stream you choose will develop the study skills specific to your area of interest and prepare you for success in your bachelor program.

At Swinburne Melbourne, UniLink diplomas are available in:

- Arts and Communication
- Business
- Design
- Engineering
- Health Science
- Information Technology
- Science.

## Did you know?

If you have completed a recognised Year 12 plus at least part of a recognised tertiary qualification, you may be able to achieve advanced standing which may shorten the duration of the program.

## Progression requirement

Students completing a UniLink diploma must pass all units of study for entry into a bachelor degree.

## At a glance

**Duration**
8 months

**Intakes**
February, June, October

**Contact hours**
>720 contact hours

**Mode of study**
Depending on your program, you could experience a combination of lab work, design studio work, lectures, seminars, online work, tutorials and excursions

**Academic requirement**
Successful completion of Australian Year 12 (or equivalent).

**Age requirement**
At least 17 years of age at time of commencement.

**IELTS requirement (academic module)**
Overall band 5.5 (with no individual band below 5.0) or equivalent.



## UniLink Diploma structure

| | | | |
|---|---|---|---|
| **UniLink Diploma (8 months)** | Teaching Period 1 → | Teaching Period 2 → | **1st or 2nd year of Bachelor degree** |

Note: Students exiting after one teaching period will not receive the UniLink Diploma qualification. Students must pass all units for entry.





### Diploma of Arts and Communication (UniLink)

8 months | Melbourne | February, June, October | A$34,800 | 089744B

Study Arts and Communication to learn about significant issues in today's society. Develop creative skills and research-based knowledge. Use critical thinking to offer solutions to the world's most pressing problems.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Arts
- Bachelor of Criminal Justice and Criminology
- Bachelor of Games and Interactivity
- Bachelor of Health Science
- Bachelor of Media and Communication

### Diploma of Business (UniLink)

8 months | Melbourne | C | February, June, October | A$34,960 | 085473G

Study Business to learn about the entrepreneurial mindset. Get broad knowledge in key areas of commerce, like marketing, economics and accounting. Develop key skills in problem solving, networking and communication.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Accounting
- Bachelor of Aviation Management
- Bachelor of Business
- Bachelor of Business Analytics
- Bachelor of Information and Communication Technology

### Diploma of Design (UniLink)

8 months | Melbourne | February, June, October | A$35,960 | 085471K

Study Design to learn how to articulate your creative ideas in different mediums. Learn about the history of art and culture, and how it informs contemporary design. Develop critical thinking skills to offer solutions to design challenges.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Design
- Bachelor of Design (Architecture)
- Bachelor of Design (Fashion)
- Bachelor of Design (Industrial Design) (Honours)
- Bachelor of Design (Interior Architecture) (Honours)
- Bachelor of Games and Interactivity

### Diploma of Engineering (UniLink)

8 months | Melbourne | C | February, June, October | A$38,440 | 085477D

Study Engineering to learn about standard engineering practices and principles. Learn how to make evaluations and calculations when designing and planning a project. Get broad knowledge of material analysis, kinematics, and sustainable practices.

**Prerequisite subject** Advanced Mathematics

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Aviation and Piloting
- Bachelor of Aviation Management
- Bachelor of Engineering (Honours)

### Diploma of Health Science (UniLink)

8 months | Melbourne | C | February, June, October | A$38,440 | 088689A

Study Health Science to learn about global health science issues from a range of perspectives. Learn about concepts, theories, practices and evidence relating to health science in today's world.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Health Science
- Bachelor of Exercise and Sport Science
- Bachelor of Psychological Sciences
- Bachelor of Science

### Diploma of Information Technology (UniLink)

8 months | Melbourne | C | February, June, October | A$35,360 | 085475F

Study Information Technology to learn about computing hardware and software. Learn about web-based applications and cloud computing. Understand database-modelling techniques and how to use them.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Business Analytics
- Bachelor of Computer Science
- Bachelor of Cyber Security
- Bachelor of Data Science
- Bachelor of Information and Communication Technology

### Diploma of Science (UniLink)

8 months | Melbourne | February, June | A$38,440 | 089746M

Study Science to build a scientific career using physics, biology, chemistry and mathematics. Learn how to conduct scientific research and solve conceptual problems. Get practical skills in data modelling and analysis, as well as computer-based analysis.

Note: Course fees are subject to change.

**Pathway opportunities**
- Bachelor of Science

**Key** Duration | Location | Alternate locations (see below) | Intake | Tuition fee | CRICOS code

C Also available at our partner location in Colombo, Sri Lanka. See page 74.

# Planning your future

## Foundation → UniLink diploma → Bachelor degree

| Australian (or equivalent) Year 11 entry | Australian (or equivalent) Year 12 entry | Bachelor degree |
|---|---|---|
| Swinburne Foundation Program | Diploma of Arts and Communication (UniLink) | • Bachelor of Arts<br>• Bachelor of Criminal Justice and Criminology<br>• Bachelor of Games and Interactivity**<br>• Bachelor of Media and Communication |
| | Diploma of Business (UniLink) | • Bachelor of Accounting*<br>• Bachelor of Aviation Management<br>• Bachelor of Business*<br>• Bachelor of Business Analytics<br>• Bachelor of Health Science*<br>• Bachelor of Information and Communication Technology* |
| | Diploma of Design (UniLink) | • Bachelor of Design<br>• Bachelor of Design (Architecture)**<br>• Bachelor of Design (Fashion)<br>• Bachelor of Design (Industrial Design) (Honours)<br>• Bachelor of Design (Interior Architecture) (Honours)<br>• Bachelor of Games and Interactivity** |
| | Diploma of Engineering (UniLink) | • Bachelor of Aviation and Piloting^<br>• Bachelor of Aviation Management<br>• Bachelor of Engineering (Honours) |
| | Diploma of Health Science (UniLink) | • Bachelor of Health Science*<br>• Bachelor of Exercise and Sport Science^**<br>• Bachelor of Psychological Sciences*<br>• Bachelor of Science* |
| | Diploma of Information Technology (UniLink) | • Bachelor of Aviation Management<br>• Bachelor of Business Analytics<br>• Bachelor of Computer Science<br>• Bachelor of Cyber Security<br>• Bachelor of Data Science<br>• Bachelor of Games and Interactivity**<br>• Bachelor of Information and Communication Technology |
| | Diploma of Science (UniLink) | • Bachelor of Science |

*^ May receive credit of less than 8 units*
** The remaining course duration of your bachelor degree may vary, depending on your selected major and/or semester intake*
*** Semester 1 entry only*

## Bridging program

| Australian (or equivalent) Year 12 alternate entry† | Progression course | Destination degree |
|---|---|---|
| UniLink Bridging Program | Diploma of Business (UniLink) | • Bachelor of Accounting*<br>• Bachelor of Arts<br>• Bachelor of Aviation Management<br>• Bachelor of Business Analytics<br>• Bachelor of Business*<br>• Bachelor of Games and Interactivity**<br>• Bachelor of Health Science*<br>• Bachelor of Information and Communication Technology*<br>• Bachelor of Media and Communication |
| | Diploma of Design (UniLink) | • Bachelor of Design<br>• Bachelor of Design (Architecture)^*<br>• Bachelor of Design (Industrial Design) (Honours)<br>• Bachelor of Design (Interior Architecture) (Honours)<br>• Bachelor of Games and Interactivity** |
| | Diploma of Engineering (UniLink) | • Bachelor of Aviation and Piloting^<br>• Bachelor of Aviation Management<br>• Bachelor of Engineering (Honours) |

## Vocational education

| Foundation Year or Australian (or equivalent) Year 12 entry | Progression course | Destination degree |
|---|---|---|
| **Advanced Diploma of Engineering Technology**<br>22479VIC | | • Bachelor of Engineering (Honours)* |
| **Certificate III in Early Childhood Education and Care**<br>CHC30121 | **Diploma of Early Childhood Education and Care**<br>CHC50121 | • Bachelor of Education (Early Childhood Teaching)<br>• Bachelor of Education (Early Childhood and Primary)<br>• Bachelor of Education (Primary)^ |

*† You completed an Australian Year 12 or equivalent qualification but do not have the entry requirements or prerequisite subjects for your UniLink diploma.*



# Swinburne Sarawak, Malaysia

Swinburne Sarawak offers courses in business, design, engineering, IT, and science. All courses are identical to those offered on the Hawthorn campus, and degrees are awarded with Australian testamurs.

For more, visit **www.swinburne.edu.my**

## Bachelor of Business

3 years | Sarawak | February, September

Gain core skills in business practices and decision-making before beginning major studies in your area of specialisation. Cap it off with final-year consulting projects that will help you launch your future career.

**Professional accreditation:** The Accounting major is professionally accredited through CPA Australia, Chartered Accountants Australia and New Zealand (CAANZ), Chartered Institute of Management Accountants (CIMA) and Association of Chartered Certified Accountants (ACCA). The Human Resource Management major is professionally accredited by the Australian Human Resources Institute.

**Majors:** Accounting, Accounting and Finance, Finance, Human Resource Management, International Business, Management, and Marketing.

**Pathway options**
- Swinburne Foundation Studies (Business)
- Diploma of Accountancy
- Diploma of Business Management

## Bachelor of Computer Science

3 years | Sarawak | February, September

Learn about software development, the internet of things, networking and cybersecurity while gaining a sound understanding of the traditional aspects of computer science.

**Professional accreditation:** This degree is professionally accredited by the Australian Computer Society.

**Majors:** Artificial Intelligence, Cybersecurity, Data Science, Internet of Things, and Software Development.

**Pathway options**
- Swinburne Foundation Studies (Information Technology/Multimedia)

## Bachelor of Design

3 years | Sarawak | February, September

Gain the knowledge you need to combine creativity with business sense and insight. Get hands-on skills in your chosen major through a professionally focused, multidisciplinary project in your final year of study.

**Majors:** Graphic Design, and Multimedia Design.

**Pathway options**
- Swinburne Foundation Studies (Design)

## Bachelor of Engineering (Honours)

4 years | Sarawak | February, September

Complete core units in your first year that introduce different engineering fields and to assist in selecting a major. Apply your learning in a professionally focused, multidisciplinary project during your final year of study.

**Professional accreditation:** This degree is professionally accredited by Engineers Australia.

Graduates are eligible for registration with Board of Engineers Malaysia (BEM).

**Majors:** Civil, Chemical, Electrical and Electronic, Mechanical, and Robotics and Mechatronics.

**Pathway options**
- Swinburne Foundation Studies (Engineering/Science)

**Key** Duration | Location | Alternate locations (see below) | Intake





## Bachelor of Information and Communication Technology

3 years | Sarawak | February, September

Explore computer and network configurations, web and application programming, and database design and maintenance.

**Professional accreditation:** This degree is professionally accredited by the Australian Computer Society.

**Majors:** Network Technology, and Software Technology.

**Pathway options**
- Swinburne Foundation Studies (Information Technology/Multimedia)

## Bachelor of Media and Communication

3 years | Sarawak | February, September

Develop key skills in professional communication and media content creation. Students will also benefit from Swinburne's partnership with Adobe which gives you free access to the Adobe Creative Cloud while studying.

**Majors:** Social Media

**Pathway options**
- Swinburne Foundation Studies (Business)
- Swinburne Foundation Studies (Design)

## Bachelor of Science

3 years | Sarawak | February, September

Ignite your curiosity with our science programs in the fields of biotechnology or environmental science, and build your connections with national and international industries and researchers.

**Majors:** Biotechnology, and Environmental Science.

**Pathway options**
- Swinburne Foundation Studies (Engineering/Science)

## Foundation Year

1 year | Sarawak | January, February, July, September

- Swinburne Foundation Studies (Business)
- Swinburne Foundation Studies (Design)
- Swinburne Foundation Studies (Engineering/Science)
- Swinburne Foundation Studies (Information Technology/Multimedia)

Successful completion of Foundation Year provides a pathway to first year of a related bachelor degree as long as you meet the bachelor degree entry requirements and prerequisites.

**Pathway opportunities**
- Bachelor of Business
- Bachelor of Design
- Bachelor of Computer Science
- Bachelor of Engineering (Honours)
- Bachelor of Information and Communication Technology
- Bachelor of Media and Communication
- Bachelor of Science

## Vocational Education

from 2 to 3 years | Sarawak | February, September

- Diploma of Accountancy
- Diploma of Business Management
- Diploma of Digital Media Design
- Diploma of Early Childhood Education
- Diploma of Information Technology
- Diploma of Quantity Surveying

Successful completion of a diploma may provide a pathway to second year of a related bachelor degree long as you meet the bachelor degree entry requirements and prerequisites.

**Pathway opportunities**
- Bachelor of Business
- Bachelor of Computer Science
- Bachelor of Design
- Bachelor of Early Childhood Education
- Bachelor of Information and Communication Technology

**Key** Duration | Location | Alternate locations (see below) | Intake

# International partners

As a world-ranked university, Swinburne partners with international education institutions to deliver world-class education. That means you can get your Swinburne degree at home, closer to home, or somewhere brand new. Our partners are your ticket to becoming a global citizen.

## Pathway partner

### Nawaloka College of Higher Studies (NCHS) (Sri Lanka)

If you're looking for a pathway into a bachelor degree, you can successfully complete a Foundation Year or UniLink Diploma in Sri Lanka and enter the second year of a bachelor degree.

For more information on Foundation Year and UniLink programs see pages 64 and 68.

Visit **nchs.edu.lk/swinburne**

#### Foundation program

8 months | Colombo, Kandy | February, June, October

- Swinburne Foundation Studies (Business)
- Swinburne Foundation Studies (Engineering/Science)

Successful completion of Foundation Year provides a pathway to first year of a related bachelor degree as long as you meet the bachelor degree entry requirements and prerequisites.

**Pathway opportunities to Melbourne**
- Bachelor of Business
- Bachelor of Computer Science
- Bachelor of Engineering (Honours)
- Bachelor of Information and Communication Technology

#### UniLink Diploma

8 months | Colombo, Kandy (Business and IT only) | February, June, October

- Diploma of Business (UniLink)
- Diploma of Engineering (UniLink)
- Diploma of Health Science (UniLink)
- Diploma of Information Technology (UniLink)

Successful completion of a UniLink Diploma provides a pathway to second year of a related bachelor degree as long as you meet the bachelor degree entry requirements and prerequisites.

**Pathway opportunities to Melbourne**
- Bachelor of Business
- Bachelor of Business Analytics
- Bachelor of Computer Science
- Bachelor of Engineering (Honours)
- Bachelor of Information and Communication Technology
- Bachelor of Science

## Degree partners

### Swinburne Vietnam

In Vietnam's capital, you'll immerse yourself in centuries-old architecture as you prepare for the digital future in business, IT and media.

Visit **swinburne-vn.edu.vn/**

#### Bachelor of Business

3 years | Can Tho, Hanoi, Danang, HCMC | January, May, September

Gain core skills in business practices and decision-making before beginning major studies in your area of specialisation.

**Majors:** Business Administration, International Business, and Marketing.

**Study opportunities to Melbourne***
- Bachelor of Business

#### Bachelor of Computer Science

3 years | Can Tho, Hanoi, Danang, HCMC | January, May, September

Learn how to architect big systems, write phone and tablet apps and produce software that is better than industry standards. Then scale your applications up to the cloud for hacker-proof, robust and reliable software applications.

**Majors:** Artificial Intelligence, Data Science, Internet of Things, Software Development.

**Study opportunities to Melbourne***
- Bachelor of Computer Science





### Swinburne Vietnam (continued)

#### Bachelor of Media and Communication

3 years | Hanoi, Danang, HCMC | January, May, September

Learn about the news, advertising and the evolution of media and how the digital age is rapidly transforming the way we communicate.

**Majors:** Advertising, Public Relations, Social Media.

**Study opportunities to Melbourne***
- Bachelor of Media and Communication

### INTI International College (Malaysia)

In Malaysia, you'll learn in state-of-the-art facilities with experts that'll prepare you for a career in emerging economies.

Visit **newinti.edu.my**

#### Bachelor of Business

3 years | Penang, Subang | March, August

Gain core skills in business practices and decision-making before beginning major studies in your area of specialisation.

**Professional accreditation:** Graduates with an Accounting specialisation may be eligible to apply for membership of CPA Australia (CPAA), Chartered Accountants Australia and New Zealand (CAANZ), the Association of Chartered Certified Accountants (ACCA) or the Institute of Public Accountants (IPA).

**Majors:** Accounting, Finance, Human Resource Management, International Business, Management, Marketing.

**Study opportunities to Melbourne***
- Bachelor of Business

#### Bachelor of Computer Science

3 years | Subang | March, August

Learn about software development, networking and cybersecurity while gaining a sound understanding of the traditional aspects of computer science.

**Professional accreditation:** This degree is professionally accredited by the Australian Computer Society.

**Majors:** Cyber Security, Data Science, Software Development.

**Study opportunities to Melbourne***
- Bachelor of Computer Science
- Bachelor of Cyber Security
- Bachelor of Data Science

#### Bachelor of Information and Communication Technology

3 years | Subang | March, August

Study network configurations, web and app programming, database design and more, and even specialise in a particular aspect of ICT-related work.

**Professional accreditation:** This degree is professionally accredited by the Australian Computer Society.

**Majors:** Network Technology, Software Technology.

**Study opportunities to Melbourne***
- Bachelor of Business
- Bachelor of Business Analytics

#### Bachelor of Media and Communication

3 years | Penang, Subang | March, August

Learn about how the media is evolving through an examination of issues such as ownership, control of the media and the impact of new media technologies on society.

**Majors:** Advertising, Digital Marketing, Social Media.

**Study opportunities to Melbourne***
- Bachelor of Media and Communication

*Transfer or spend a semester at Swinburne in Melbourne Australia. Visit the institution's website for more information.

# Optimising your university experience

From the day you start planning to move countries till the day you graduate, we have all the information you need to make your Swinburne experience amazing.

## Living options, costs and visas

From on-campus apartments to living with a host family, explore all your options here.

We understand how important it is for you to plan your budget carefully. Find out what things cost in Melbourne and how banking works here.

Discover all the information you need to apply for an Australian student visa here.

## Feeling confident

We're here to help you through all aspects of life during your time at uni.

### Support services

We're geared up to help you with:

- careers and employment
- counselling
- health
- housing
- disability support
- financial advice
- advocacy and legal advice
- childcare.

### Safety services

We take your safety seriously. Access these services any time you need them.

- take the Hawthorn Night Bus home if you live in the neighbourhood
- ask a patrolling security officer to walk you anywhere on campus
- link to emergency and support services, safety tools and campus maps via the Safe@Swin app
- speak to our Safer Community team for support on bullying, harassment and more.

### International Student Advisers

Our dedicated team is here to answer any question you may have, whether big or small. Visas, accommodation, finding a job, help during emergencies and more. Read all about them.





## Finding community

Get involved, volunteer and make social connections.

### Life at Swinburne

Immerse yourself in campus life and make the most of the many opportunities available while studying at Swinburne. Find clubs, sport, volunteering and leadership opportunities here.

# How to apply

Follow these steps carefully to ensure your application is processed properly.

## 1 Check your start date

Visit **swinburne.edu.au/study/options/find/start-dates** to check start dates for intakes. If you're an offshore international student, you should apply at least 3 months before your intake's start date.

## 2 Gather your documents

- Certified academic transcripts with grading system
- English translations where applicable
- Certified English proficiency test results
- Referee reports (if applicable)
- Portfolio (for design courses, if applicable)
- Course or unit syllabus if you're applying for credit transfer or Recognition of Prior Learning
- Copy of passport (photo page and relevant visa page).

## 3 Complete your application

Visit **student-swinburne.studylink.com**
If you need help, please speak to your registered Swinburne representative in your home country.

## 4 Wait for your offer

We will assess your application. If you're successful, you will receive a letter of offer via email.
The letter will indicate the:

- course you've been offered
- annual tuition fee*
- student services and amenities fee†
- course commencement date
- course duration
- deposit you need to pay
- fee for your visa-length overseas student health cover
- conditions to the offer.

*Tuition fees are based on a standard full-time study load per year. All fees are subject to annual review and may be adjusted. Visit **swinburne.edu.au/courses/fees/fees-for-international-students/** to learn more about fees. For the indicative fee for your course, see the course entry in this guide or visit the 'Fees' section on the course webpage **swinburne.edu.au/courses/find-a-course/**
†Tuition fees are generally inclusive of the Student Services and Amenities Fee (SSAF). Visit **swinburne.edu.au/courses/fees/student-services-amenities-fee/** to learn how the SSAF is used.

## 5 Accept your offer

Accept by the date specified in your offer letter.
Visit **swinburne.edu.au/study/international/offer** to find out how to accept your offer.

Note: If you receive a conditional offer, you need to meet the condition(s) outlined in your offer letter.

Visit **swinburne.edu.au/study/international/apply** for detailed application instructions.

If you need help with your application, email our application adviser at **international@swinburne.edu.au**

You can also speak with a registered Swinburne representative in your home country. Visit **eap.ascentone.com/swinburne** to search for a list of Swinburne representatives in your country.



# Other information

## Applying for credit transfer

### What is credit transfer?

Credit transfer is exemption from certain course requirements in recognition for previous study. The term 'credit' is used interchangeably with 'Recognition of Prior Learning', 'advanced standing' and/or 'status' in Australian universities.

### How to apply for credit transfer

You can apply for credit transfer by submitting a course or unit (subject) syllabus or other evidence of your skills with your application. You must also indicate on your application form that you're applying for credit transfer.

If you're applying for credit transfer for a design course you may need to submit a portfolio.

If your application for credit transfer is successful, your letter of offer will state the updated course duration and the amount of credit for which you have been assessed. If you do not apply for credit transfer when you submit your application, you can do so within the first week of commencing your course. Applications for credit transfer made after this time may not be approved.

## Applying for your student visa

You'll need to obtain an Overseas Student Confirmation of Enrolment (CoE) from Swinburne to complete your student visa application. Your CoE must accompany your application.

Visit **homeaffairs.gov.au** for more information

## Overseas student health cover

All student visa holders must have overseas student health cover (OSHC) for the duration of their study.

Once you have been successful in your application to study at Swinburne, you will need to organise OSHC – a requirement of your student visa. This cover must be valid for the entire duration of your stay in Australia, including before you start and after you finish your studies..

Swinburne is pleased to partner with Medibank to offer international students the opportunity to purchase Medibank's Comprehensive OSHC, giving you access to additional benefits compared to the Essentials OSHC.

If you choose Medibank's Comprehensive OSHC, Swinburne will organise the cover on your behalf as either a single, couple, single parent or family policy.

medibank
For Better Health

Visit **swinburne.edu.au/study/international/visa/overseas-student-health-cover**

## Students under 18

If you're under 18 years of age, your parents must nominate a guardian who lives in Australia before you can be considered for a student visa. Your guardian must be over 21 years old, related to you and of good character.

If you do not have an appropriate guardian with whom you may live in Australia, you'll need to engage a Swinburne-approved care provider. This arrangement will include accommodation restrictions and places may be limited depending on the availability of suitable accommodation options.

## Students with families

If you plan to bring your family to Australia, check if any restrictions apply by contacting the Department of Home Affairs or the Australian diplomatic mission in your country. You'll also need to hold OSHC membership for your family.

Visit **swinburne.edu.au/study/international/plan-arrival/family**

### Children

If you have children between five and 15 years of age who you plan to bring to Australia, you must enrol them in school. Full fees are payable at both government and non-government schools.

If you'll be enrolled as a postgraduate research student at Swinburne, the Victorian Government may provide exemption from tuition fees in Victorian government primary and secondary schools for your children.

Visit **education.vic.gov.au** to find a complete list of Victorian primary and secondary schools. Information about fees, applications and enrolment for government, primary and secondary schools may be found online at **study.vic.gov.au**

Applications to non-government schools must be made directly to the school of your choice.

Note: Your student visa assessment criteria may change if your family is accompanying you to Australia.

## Your rights and responsibilities

The Educational Services for Overseas Students (ESOS) Act regulates the education and training sector's involvement with overseas students studying in Australia on student visas.

Visit **studyinaustralia.gov.au/global/australian-education/education-system/esos-act** to read a description of the ESOS framework.

Restrictions may apply if you wish to change your enrolment. Visit **swinburne.edu.au/current-students/manage-course/enrolment-timetable/time-off/international** for more information about deferring, suspending or cancelling your enrolment.

Visit **swinburne.edu.au/current-students/manage-course/fees/fees-for-international-students/refunds** to read Swinburne's refund provisions, which are outlined in the offer acceptance form.

# Glossary of terms

| Word | Definition | Example |
|---|---|---|
| **Unit** | A subject within a course. Units are assigned credit points, some are worth 12.5 credit points, and some are worth 25. | *'I'm doing 4 units this semester.'* |
| **Credit points** | Used to measure study load, course progress and completion. | *'This unit in my Business degree is worth 25 credit points. It's an industry-linked project and carries more weight.'* |
| **Major** | The primary area of study, it usually totals 100 credit points. | *'I am doing a Bachelor of Business, majoring in Entrepreneurship and Innovation.'* |
| **Minor** | A secondary area of interest, it usually totals 50 credit points. | *'I am doing a Bachelor of Business, majoring in Entrepreneurship and Innovation with a minor in Finance.'* |
| **Elective** | A unit that is optional and can be unrelated to the main areas of study.<br>Usually 12.5 credit points per unit. | *'I am doing a Bachelor of Business, majoring in Entrepreneurship and Innovation, with a minor in Finance and electives in Organisation Behaviour and Managing Workplace Relations.'* |
| **Semester** | The academic year is divided into two: semester one, January to June; semester two, July to December. | *'I will be going on the Business Innovation in Europe Study Tour in the second semester of 2021.'* |
| **Work Integrated Learning** | Opportunities that include professional internships, industry-linked projects and study tours. | *'There are so many Work Integrated Learning Opportunities. I'm trying to decide between an Internship and an Overseas study tour, or both!'* |
| **Prerequisite** | A mandatory minimum requirement for course entry. | A course may require students to have achieved a raw score of at least 25 in Year 12 English or at least 30 in English (EAL). |
| **Pathway** | A course that can lead on to another course, often the 'dream course.' Some pathways offer 'credit' for units that are similar / the same. | Diploma of Business (UniLink) offers 8 units credit exemption. Meaning that when students successfully complete the UniLink Diploma, they can move on to the second year of the Bachelor of Business. |
| **Bachelor degree / degree / undergraduate degree / undergrad** | A post-secondary-school qualification that is awarded by a university. | • *'I'm busy doing my undergrad in Business.'*<br>• *'I'm busy doing a bachelor degree in Business.'*<br>• *'I'm doing an undergraduate degree in Business.'* |





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# Notes

# Entry requirements

Whether you're going to study in Melbourne or from your home country, you need to meet the minimum English language and academic requirements for the course you want to study.

To find the academic requirements based on your country and course scan the QR code →



## FURTHER INFORMATION


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