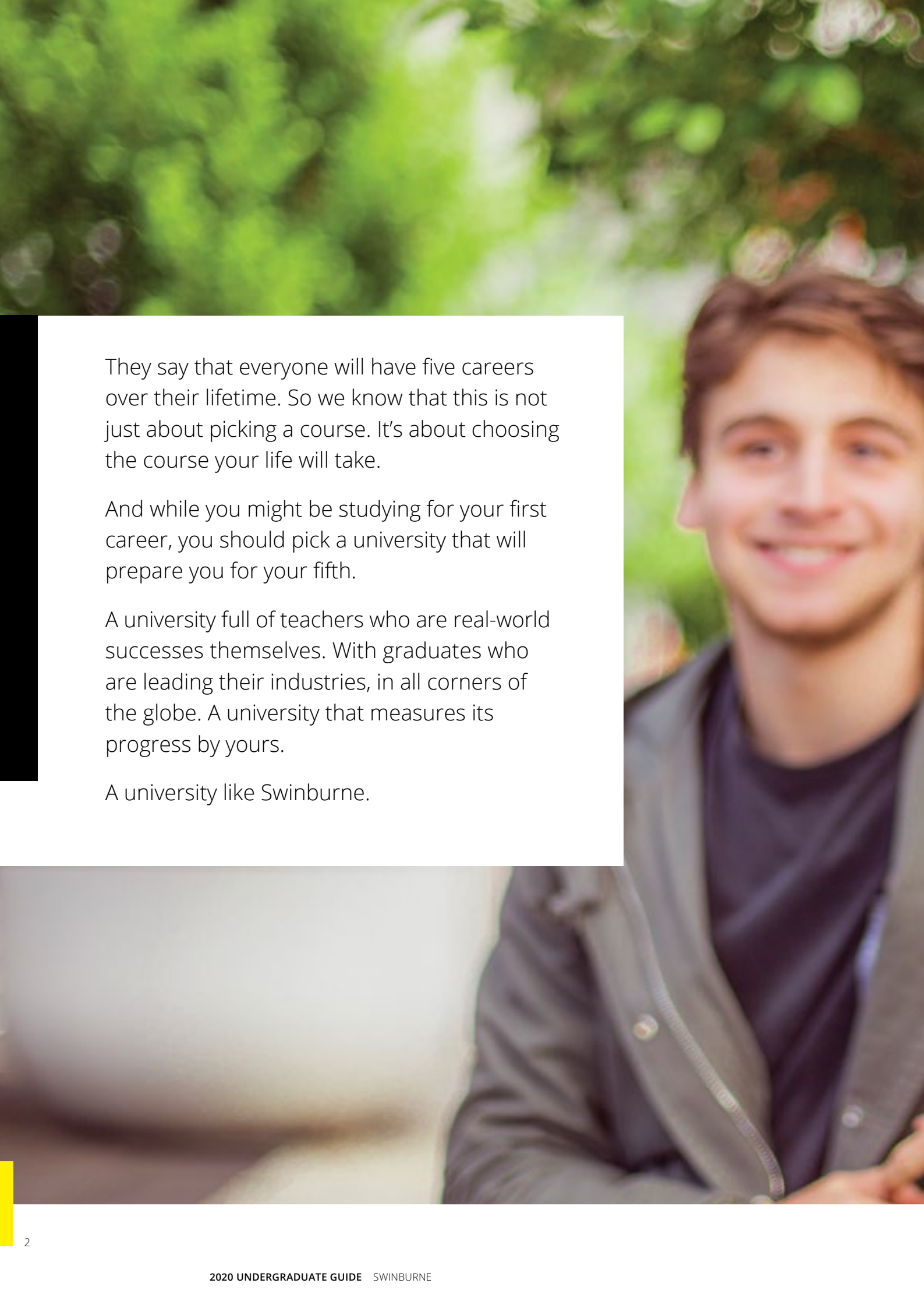


# 2020 Undergraduate Degrees and Pathways

## COURSE GUIDE



They say that everyone will have five careers over their lifetime. So we know that this is not just about picking a course. It's about choosing the course your life will take.

And while you might be studying for your first career, you should pick a university that will prepare you for your fifth.

A university full of teachers who are real-world successes themselves. With graduates who are leading their industries, in all corners of the globe. A university that measures its progress by yours.

A university like Swinburne.





# Making our mark everywhere we go.

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

Melbourne. Milan. Malaysia. Our graduates are spread around the globe and work for some of the most dynamic organisations, from start-ups 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.



## #1

FOR GRADUATE  
SATISFACTION  
IN MELBOURNE

**In Engineering**

## #1

FOR QUALITY OF  
EDUCATIONAL EXPERIENCE  
IN MELBOURNE

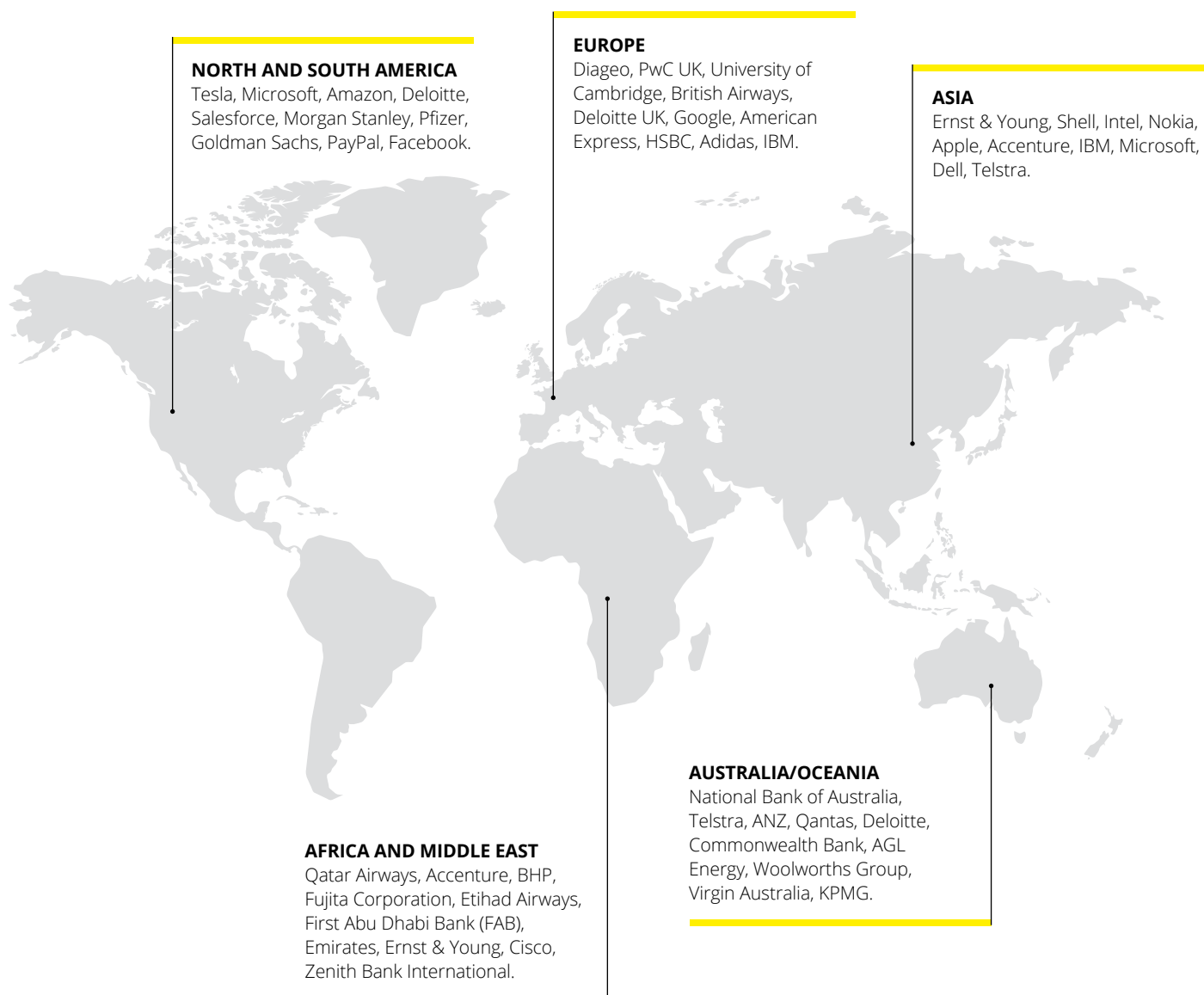
**In Business and  
Information Technology**



## In demand and paid more

BUSINESS AND MANAGEMENT	COMMUNICATIONS	INFORMATION TECHNOLOGY	PSYCHOLOGY	CREATIVE ARTS AND DESIGN	ENGINEERING
Our graduates earn <b>6.90%</b> more than the Australian average.	<b>84.1%</b> of our graduates find jobs within 4 months of finishing their course.	Our graduates earn <b>3.28%</b> more than the Australian average. <b>HIGHEST IN VICTORIA</b>	Our graduates earn <b>5.25%</b> more than the Australian average. <b>HIGHEST IN VICTORIA</b>	<b>82.5%</b> of our graduates find jobs within 4 months of finishing their course.	<b>85.5%</b> of our graduates find jobs within 4 months of finishing their course.

## Our grads work for the biggest and best



“”

*Those four years  
at Swinburne  
completely  
changed my life.*



Garth Davis

**AWARD-WINNING DIRECTOR**

Bachelor of Design (Honours)

## Directing the Academy Award-nominated *Lion*

Garth Davis wears his success lightly. Having your first feature film nominated for six Academy Awards – including Best Picture – is no mean feat. Yet Davis says directing was not part of his original plan. Instead, it turned out to be a natural progression from his studies in graphic design and subsequent career in advertising.

His first directing gigs were for TV commercials – earning him a coveted Gold Lion at Cannes – before moving into film and television and making his impressive feature debut with *Lion*.

The Swinburne graduate says what he learnt while studying has been formative to his continued creative success. “Those four years at Swinburne completely changed my life.” He credits his teachers with imparting two essential lessons: the importance of making mistakes, and of being open to criticism. “Both of these lessons have formed the backbone of my creative approach.”

It’s an approach that’s taken this Swinburne student all the way to Hollywood.

# Australia's first Nobel Peace Prize

---

A lifelong activist, Dimity has always pursued the goal of nuclear weapon disarmament. She co-founded ICAN, the International Campaign to Abolish Nuclear Weapons. In 2017, ICAN worked with governments around the world to advocate for the Treaty on the Prohibition of Nuclear Weapons in the United Nations, where 122 countries voted in its favour.

Dimity says that what she learnt at Swinburne really built her abilities in writing, research and critical thinking, key skills when it comes to her complex work. And for their efforts, ICAN was awarded a Nobel Peace Prize. However, she knows that the fight is far from over – 69 nations abstained from the vote, including countries with nuclear weapons and members of NATO. Yet she looks forward to every coming challenge.



Dimity Hawkins

**CO-FOUNDER OF ICAN, WINNER OF  
AUSTRALIA'S FIRST NOBEL PEACE PRIZE**

Bachelor of Arts (Honours) majoring  
in Politics and current PhD student

# Stocked in over 20 countries

---

What do some of the hottest stars in Hollywood have in common? They each have their very own MOUS Fitness Bottle, created by two Swinburne graduates. When the innovative product was selected to go in the 2017 Oscars gift bag, the bottle became a worldwide hit.

Like many gym-goers, Jarahad and Matthew used protein shakers while on the go. But they grew tired of a few recurring issues: the bottles would leak, supplements would get stuck in corners of the cup, and they were difficult to clean, which led to bacteria growth.

Drawing from their respective engineering disciplines (Jarahad did Product Design, Matthew – Mechanical), the duo came up with a solution: a clever round-bottomed design.

Skills learnt at Swinburne were essential to the creative development process. "Critical skills developed at Swinburne were constantly used," says Jarahad, "[including] sketching skills, material analyses, environmental analyses, manufacturing methods, product testing and development."

MOUS can now be found in stockists around the world.

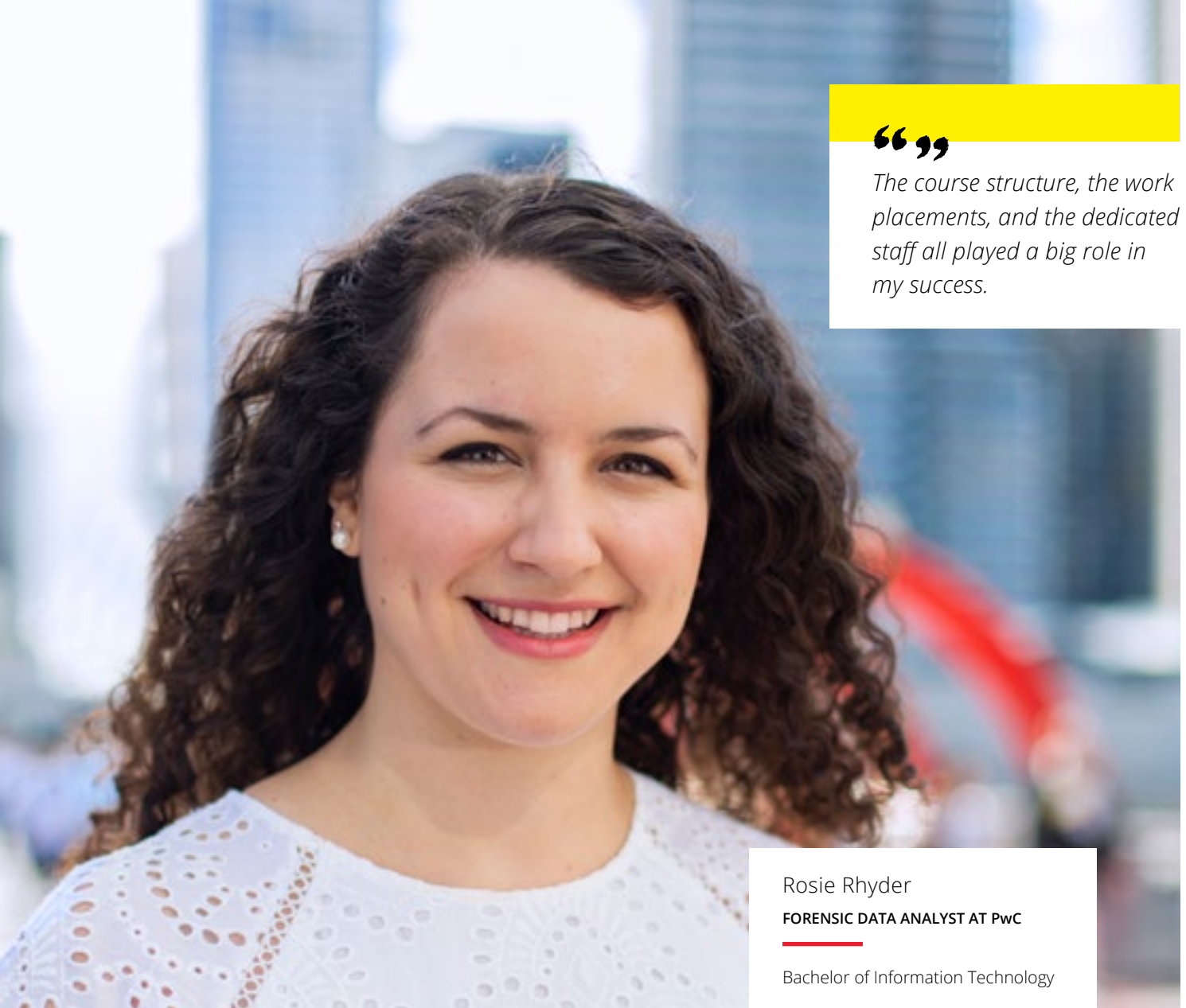


Jarahad Valeri  
and Matthew Kempe

**CO-CREATORS OF MOUS  
FITNESS BOTTLE**

Both studied Bachelor  
of Engineering (Honours)





“”

*The course structure, the work placements, and the dedicated staff all played a big role in my success.*

Rosie Rhyder

**FORENSIC DATA ANALYST AT PwC**

Bachelor of Information Technology

## Preventing fraud with forensics

---

For Rosie Rhyder, studying IT at Swinburne meant a clear pathway into the career of her dreams.

Taking advantage of the connections she made on her industry placement at PwC Australia, Rosie is now a Senior Associate there, specialising in forensic data analysis.

It may sound like something out of a Bond movie, but data serves an important function for corporate giants like PwC: detecting (and preventing) fraud. “As a consultant, the projects I work on can vary greatly. My focus is on using data wrangling skills combined with a forensic mindset, to understand, analyse, and present data.”

Rosie says her studies at Swinburne provided the foundation she needed for career success. “Studying BIT at Swinburne has really been life-changing for me. The small cohort of high-achieving students – who are still my friends – the course structure, the work placements, and the dedicated staff all played a big role in my success.”

# Start work before you graduate



Education is about more than knowledge. It's about true job readiness. As a Swinburne student, you'll benefit from our established industry partnerships that give you opportunities for real workplace experience while you study.

You'll also have access to a range of services designed to support your journey from student to professional success story.

## Careers and Employability

The Careers and Employability centre has experienced career counsellors who can provide free career advice for current students and recent graduates. The centre also offers services to assist students with employment, including:

- résumé-checking
- interview practice sessions
- on-campus employment fairs
- job workshops.

For more, visit [swinburne.edu.au/study/life/careers-employment](https://swinburne.edu.au/study/life/careers-employment)

## SwinEmploy

SwinEmploy is an online job database that advertises professional, part-time and casual jobs. Once you've registered, you'll receive regular emails about jobs relevant to your area of study.

## Studying abroad

Studying overseas offers an incredible opportunity for growth and learning. Experience another culture, push yourself out of your comfort zone, meet people from different walks of life and make lasting memories. It's also an experience that will boost your CV and make you stand out to future employers. There are several international study opportunities for both degree and diploma students, and your experience could be credited towards your course.

For more, visit [swinburne.edu.au/abroad](https://swinburne.edu.au/abroad)



# Guaranteed placements and real workplace learning

Experience is what will set you apart. Our graduates consistently tell us that Swinburne's work-integrated learning opportunities were vital in helping them land their dream career. That's why we call it the Swinburne Advantage.

Check out all your options.



## Professional degrees

Professional degrees include a compulsory paid full-time 12-month work placement, usually undertaken in third year, before your final year of classes. They're available to students who have just completed an Australian Year 12 program in the year prior and they offer invaluable skills attractive to future employers. Look for degrees with (Professional) in the title.

Duration	Embedded	Paid	Credit
12 months	Yes	Yes	Yes



## Professional placements and internships

Get a taste of your future career during a professional placement or internship with a leading employer in your area of study. Spend six or 12 months in paid full-time work on a placement or 12 weeks (at one to two days per week) on an internship.

	Duration	Embedded	Paid	Credit
Placement	6 or 12 months	No	Yes	Yes
Internship	1 semester	No	No	Yes



## Accreditation placements

Our accreditation placements are embedded in many degrees that teach very specific skills. Depending on your course, these placements may be paid or offer credit. You'll graduate knowing you have the experience you need to become professionally accredited for the career you want.

Duration	Embedded	Paid	Credit
Varies	Yes	No	Varies



## Industry study tours

Travel overseas and build your career for the global job market. You'll spend 15 to 30 days exploring one or more international companies or events and gaining deeper understanding of cultural differences along with exposure to your area of study in a professional international setting.

Duration	Embedded	Paid	Credit
15–30 days	No	No	Yes



## Industry-linked projects

Problem-solving is an asset for any career, so here's your chance to undertake real-life industry projects as part of your course. Challenges could include research projects, concept development or internal briefs. You'll earn credit while developing your investigative side to the fullest.

Duration	Embedded	Paid	Credit
1–2 semesters	Yes	No	Yes



## Create your own opportunities

Take part in a range of experiences on offer at Swinburne, such as volunteering, career development, guest lectures, exhibitions, events and online activities. Target experiences that are related to your area of study and gain clarity about what your future could hold.

Duration	Embedded	Paid	Credit
Varies	No	No	No

# What's right for me: certificate, diploma or degree?

The beauty of choosing a university like Swinburne is that you get options. You can jump in to a standard three-year degree, you can undertake an apprenticeship, you can dip your toe in the water with a certificate or diploma then progress to higher education or go straight into work. You can even start your study journey now and go on to postgraduate study – like a master or PhD – down the track.

There are so many options at Swinburne, it's just a matter of choosing what's right for you.



QUALIFICATION	CERTIFICATE	DIPLOMA	ADVANCED DIPLOMA OR ASSOCIATE DEGREE
DURATION	Varies. From 10 weeks to 3 years	Typically 1 year. Ranges from 6–24 months.	Typically 2 years. Ranges from 6–24 months.
WORK EXPERIENCE	Work placements and projects, and workplace simulations.	Work placements and projects, and workplace simulations.	Work placements and projects, and workplace simulations.
FINANCIAL CONSIDERATIONS	<ul style="list-style-type: none"> <li>• VET Student Loan</li> <li>• Skills First</li> <li>• Concessions</li> <li>• Free TAFE for Priority Courses*</li> </ul>	<ul style="list-style-type: none"> <li>• VET Student Loan</li> <li>• Skills First</li> <li>• Concessions</li> <li>• Free TAFE for Priority Courses*</li> </ul>	Advanced Diploma: <ul style="list-style-type: none"> <li>• VET Student Loan</li> <li>• Skills First</li> <li>• Concessions</li> <li>• Free TAFE for Priority Courses*</li> </ul> Associate Degree: <ul style="list-style-type: none"> <li>• HECS-HELP</li> </ul>
ENTRY REQUIREMENTS	Varies. For some courses, successful completion of Year 12 or equivalent relevant work experience. For others, simply meeting the minimum age requirements.	Varies. Typically, successful completion of Year 12, equivalent relevant work experience, or completion of prior certificate.	Varies. Typically, successful completion of Year 12, equivalent relevant work experience, or completion of prior certificate.
BEST SUITS	Many certificates, including apprenticeships, will suit students who are interested in a trade or vocational career and wish to enter the workforce sooner. Other certificates can provide a stepping stone to pathway into a diploma or degree or take the next step in your career.	Many diplomas will suit students seeking to upskill or enter the workforce sooner. Others will suit those seeking to pathway into a degree or take the next step in your career.	Students seeking to master a specific skillset who are looking for a more in-depth education than a diploma but don't require a bachelor qualification.



## Certificates and diplomas

Swinburne has been offering TAFE qualifications for more than 100 years. From apprenticeships to courses in engineering, IT, health, business and more, we've got you covered. Many of our vocational courses fall under the banner of 'nationally recognised training', which means they have standardised curriculums that are recognised and respected around Australia.

### Career progression

Gain skills that are in demand and get your hands on the latest tech and equipment used in industry. You'll graduate prepared to get a job, progress to the next level in your career or go on to higher education.

### Apprenticeships

A Swinburne apprenticeship is a partnership between you, your employer and Swinburne. Your employer will teach you on the job while Swinburne provides the formal training. Meaning you get paid while earning a qualification!

## Degrees

Learn from industry experts and embrace work-based learning.

### Standard degrees

Our standard degrees are anything but. They're packed with practical skills, taught by experts in their fields and designed to give you an edge. They're also some of the most flexible degrees around (see page 22). Sharpen your focus with a major, which will become your primary area of study.

### Degrees with honours

In some degrees, you can take on a fourth year to dive more deeply into your major area and develop your research skills. Many of our degrees, including some in design, engineering and psychology, have an integrated honours year.

### Double degrees

Double degrees are a great way to broaden your study experience and are highly respected by employers. Generally, they only add one extra year to a standard degree – so you get six years' worth of study in four!

## Degree pathways

Don't have the qualifications to enrol directly in a bachelor degree? Here are some Plan Bs that will get you into your Plan A.

### UniLink diplomas

Not sure if jumping straight into a degree is for you? Or worried about not getting the ATAR you need? Generally equivalent to eight units of study (usually one year full-time), UniLink diplomas offer a more supportive style of learning and can provide a pathway to the second year of a related bachelor degree.

### MathsLink

Didn't do enough maths to get into your preferred Swinburne course? MathsLink is your answer. It's a bridging program for students who require Units 3 and 4 Mathematical Methods or Units 3 and 4 Further Mathematics to study at Swinburne. See page 118 for more.

DEGREE	PROFESSIONAL DEGREE	DEGREE WITH HONOURS	DOUBLE DEGREE
Typically 3 years FT (4 for Law and Education)	4 years FT	4 years FT	5–6.5 years FT
Options include professional placements, professional internships, accreditation placements, industry study tours and industry-linked projects.	12 month paid professional placement embedded in course	Options include professional placements, professional internships, accreditation placements, industry study tours and industry-linked projects.	Options include professional placements, professional internships, accreditation placements, industry study tours and industry-linked projects.
HECS-HELP	HECS-HELP	HECS-HELP	HECS-HELP
Successful completion of Year 12. Plus, meeting ATAR requirements, prerequisite subjects and any extra requirements.	Successful completion of an Australian Year 12 program in the year prior to applying. Plus, meeting ATAR requirements, prerequisite subjects and any extra requirements.	Successful completion of Year 12. Plus, meeting ATAR requirements, prerequisite subjects and any extra requirements. Students must also maintain academic standards while at uni.	Successful completion of Year 12. Plus, meeting ATAR requirements, prerequisite subjects and any extra requirements.
Students seeking a professional career who are ready for the next step in their education.	High achieving students who want to undertake one whole year of full-time work experience as part of their degree.	Students seeking a more in-depth study experience who are happy to complete a fourth year of study.	Students wishing to undertake a broad study experience across different study areas in order to achieve specific career goals.

\*Free TAFE for Priority Courses is a Victorian Government initiative that covers a select range of TAFE courses. So far, the initiative is for 2019 only but it may continue in 2020.



*Cheap eats, cafés,  
fine restaurants, a  
sport and recreation  
centre, a cinema,  
grocery stores and  
shops of every kind.*



Wakefield Gardens in the heart of Hawthorn campus is everyone's favourite sunny lunch spot.



# Our campuses

## Hawthorn campus

Our main campus is nestled alongside the Glenferrie Road shopping precinct, where every convenience is to be found. Cheap eats, cafés, fine restaurants, a sport and recreation centre, a cinema, grocery stores and shops of every kind create an enticing environment in which to study and relax.

At Swinburne, we are constantly investing in the future. In recent years, the Hawthorn campus has undergone extensive development and refurbishment, and now features modern, world-class facilities with cutting-edge technology.

In 2014, the A\$100 million Advanced Manufacturing and Design Centre was opened. This state-of-the-art facility gives researchers and students the opportunity to use the latest manufacturing and design techniques and technologies. The new centre has helped to cement Swinburne's reputation as a hub for research and development.

Swinburne also boasts the Advanced Technologies Centre, an elite facility that plays host to a number of excellent research spaces, including the Smart Structures Laboratory which focuses on structural engineering – the only one of its kind in Australia.

## Wantirna campus

Our Wantirna campus is located in Melbourne's eastern suburbs, close to Knox City Shopping Centre.

The Wantirna campus is home to the A\$11 million National Centre for Sustainability. Wantirna focuses on delivering hands-on, practical learning experiences. Facilities include simulated classrooms for students studying children's services; practical nursing training facilities, with two 10-bed training labs; a horticultural complex featuring greenhouses, work sheds, and a specialist landscaping building; plus specialist electronic training facilities for students completing apprenticeships.

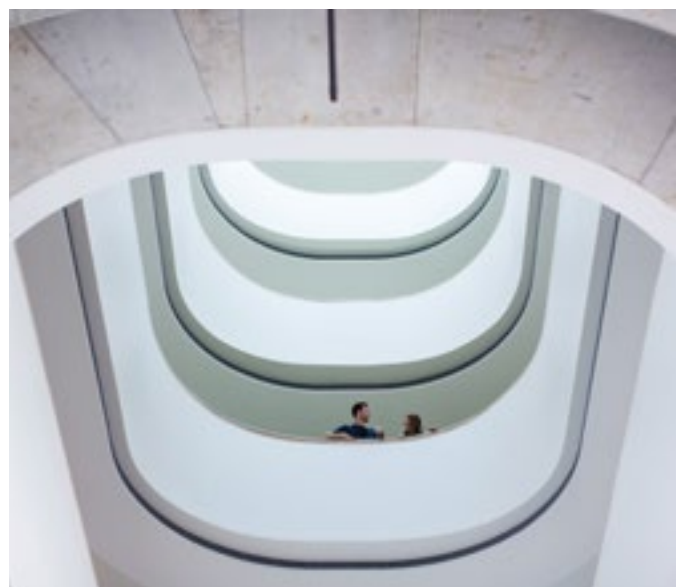
In Wantirna, we deliver courses in areas such as building, business, community services, computing, design, early childhood education, engineering, horticulture, information technology, and nursing.

## Croydon campus

Our Croydon campus is located in the foothills of beautiful Mount Dandenong. Eastland Shopping Centre is a quick drive, or a two-stop train journey away, providing extensive shopping and restaurant options.

At Croydon, we focus on trades training, as well as youth programs such as pre-apprenticeships and the Victorian Certificate of Applied Learning. Diploma and certificate courses can be completed in areas such as plumbing, building and construction, as well as spoken and written English.

The Croydon campus is home to the innovative A\$10 million Flexible Green Trades Complex. The complex focuses on enhancing the learning and up-skilling of builders, plumbers and other construction apprentices in green trades, alongside traditional plumbing courses. Courses and specialist building workshops that provide hands-on trades training in a realistic environment are also run here.



# The top 10 perks of being a Swinburne student

We may be biased, but we think studying at Swinburne Hawthorn campus offers one of the best uni experiences going round. Here's why.

10

## **Your own career cheerleading team.**

We're all about job readiness. That's why we run regular career and employability workshops and events designed to give you the best chance of turning your degree into employment. In the meantime? Have your cover letter, résumé and LinkedIn profile reviewed by our career consultants. Learn about opportunities to get hands-on experience before you graduate. Volunteer. Get involved. Go for it!

9

## **Advice whenever you need it**

Sometimes things get too much. Whether you need counselling to help you deal with a problem or financial advice to improve your money habits, Swinburne students have access to a range of services and advice. Got questions about your tax? Looking for some free legal advice? We're here to help.

8

## **Your own private pool. Kinda.**

No pool? No problems. Swinburne students are sorted thanks to free use of the indoor and outdoor pools at Hawthorn Aquatic and Leisure Centre, conveniently located just around the corner from campus. You'll also get discounted membership to the centre and access to Swinburne-only group fitness classes. Don't know how to swim? Attend a free casual class that will teach you all the basics.



Clockwise from above: Take a refreshing dip in the nearby outdoor pool at HALC; catch a flick for cheap at Lido Cinemas on Wednesdays; discover plenty of places on campus to hang out between classes; enjoy budget-friendly lunches that will please your stomach and wallet.

4

## **Free stuff for your résumé.**

Volunteering comes with plenty of perks – like going behind the scenes at cool events and meeting awesome people, plus there's that fuzzy feeling that comes from helping out. How does some free training sound? As a Swinburne volunteer, you could add a (free, accredited!) course in first aid, safe food-handling techniques or barista skills to your résumé. That's a great way to stand out on your next job application.



1

## Location, location, location.

Welcome to Hawthorn! Here, you'll be spoilt for choice when it comes to finding somewhere to do your reading/writing/daydreaming. Choose from heaps of great cafés (and great coffee!), beautiful green spaces like Central Gardens (right across the road), plus lots of study and lounge spaces on campus. Bonus: Glenferrie Railway Station is right on our doorstep. Too easy.

7

### Feeling safe, day or night.

We want you to feel safe when you're on campus, whether you're at an early-morning tutorial or studying late at night. Have one of our security officers accompany you anywhere on campus or to your car. Live locally? Get our free Hawthorn night bus to drop you home.

6

### Discounted movie tickets.

Head to nearby cinema Lido on a Wednesday, flash your student ID and be rewarded with discounted movie tickets for just \$8 before 4pm or \$10 after 4pm. More money for popcorn? Win.

5

### You'll find your people.

From basketball to AFL, unicycling to Harry Potter, and veganism to tango dancing, Swinburne boasts a diverse array of clubs and societies. Whatever your passion, there's probably a club for it. Can't see one for you? Create it!



3

### Cheap eats.

In good news for your wallet (and stomach!), many of the delicious lunch spots around Hawthorn provide special offers for Swinburne students. Regardless, you'll be spoilt for choice with the array of budget culinary options. So, what'll it be? Chicken and chips from Yummy Campus (\$5.50), rice paper rolls from Mr & Mrs Banh Mi (three for \$8.50), or a bagel and coffee from Bagelicious (\$10 with your Swinburne student ID)?

2

### A passport to the world.

Where to next? Swinburne has exchange partnerships with over 100 universities around the world. From Austria to Venezuela, there's something for everyone. If a full semester is too long to be away there are plenty of shorter options to consider, including overseas internships and study tours. Immerse yourself in another culture, gain a new perspective and maybe even learn a language. In most cases, you'll get credit towards your course, too. Bonus!

# Swinburne life is what you make it

Uni isn't just about study. It's about expanding your horizons, making new friends and packing everything you can into the next few years before full-time work kicks in.



Swinburne empowers you to make the most of your uni experience. With learning and study support, of course, but with life stuff, too. From support services that will help you through hard times, to clubs, activities and events, to an overseas adventure. We recommend getting involved in all that Swinburne has to offer.

These will be some of the most memorable years of your life. At Swinburne, they'll also be the foundation that will set you on your path to success.



## Facilities and services

There's wi-fi across campus and the on-campus library and computer labs provide you with the space and resources for study outside class. There's also a range of services to support your wellbeing:

- careers and employment
- counselling
- health
- housing
- disability support
- financial advice
- learning and study skills
- advocacy
- legal advice
- child care.

## Learning and Academic Skills Centre

Attend free workshops and seminars, access online resources, or chat with an adviser. Develop your skills in:

- essay, report and thesis writing
- maths, statistics, physics and chemistry
- giving presentations
- researching and referencing
- making assignments look more professional
- preparing for exams.

Visit [swinburne.edu.au/las](https://swinburne.edu.au/las)

## Mathematics and Statistics Help Centre

Open five days a week during semester, here's where you can ask questions about the maths and statistics in your course.

Visit [swinburne.edu.au/mash](https://swinburne.edu.au/mash)

## Safety on campus

Swinburne takes safety and security very seriously. We offer a range of services to keep you feeling safe on campus, particularly during those late-night study sessions.

- Hawthorn night bus to drop you home locally.
- Security officers on patrol and available to accompany you anywhere on campus.
- Safe@Swin app with links to emergency and support services, safety tools and campus maps.
- Safer Community team for support on issues such as bullying and harassment.





Relax, get active or meet new friends  
– whatever your goal, there's always  
something on campus for you.

## Swinburne Student Life

Swinburne Student Life coordinates clubs, societies, sporting programs and events across all campuses.

### Clubs and societies

Join a club and make life-long friends. Choose from a huge range of social, cultural, sporting and academic interests. You could even travel with your favourite sport to play at intervarsity competitions.

### Volunteering

Build your résumé by joining the volunteer program. You'll score awesome experience, make yourself attractive to future employers, and get the chance to help others. You may even gain access to free training sessions and grants for community projects.

### Events and activities

Get along to the many events and cultural activities throughout the year – from Orientation festivities, to lunchtime get-togethers, themed parties and the annual ball.

Visit [swinburne.edu.au/studentlife](http://swinburne.edu.au/studentlife)

## Study Abroad with Swinburne

Trying to choose between a gap year to travel the world, or study? You don't have to give up your dreams of adventure when you choose Swinburne. In fact, most of our students are eligible for an overseas study program.

Choose from student exchange, study tours or overseas research – the opportunities are endless.

Plus, our Swinburne travel scholarships are there to help with the financial side of things. So, no matter your situation, you have the chance to get your qualification and conquer the world while you're at it.

Visit [swinburne.edu.au/studyabroad](http://swinburne.edu.au/studyabroad)

## Swinburne Student Union

Enjoy the perks and support from Swinburne's student-run representation, welfare and events service. Or join in their campaigning to protect student rights and interests. As a union member, you can get:

- free breakfasts on weekdays
- a weekly barbecue
- free printing
- locker hire
- local discounts
- and much more.



Claire Rogers making the most of  
her study abroad experience.

# Financial matters

## Degrees, associate degrees and UniLink diplomas

If you are an Australian local student when you commence study, the Australian government contributes to the cost of your course. This is called a Commonwealth supported place (CSP).

You'll also contribute towards the cost of your tuition. The amount you pay depends on what units you study and the payment method you choose. Find out more at [swinburne.edu.au/degrees/fees](https://swinburne.edu.au/degrees/fees)

### HECS-HELP

You may defer your student contribution by taking out a HECS-HELP loan. HECS-HELP is available to eligible students enrolled in a CSP. This loan can cover all or part of the student contribution amount. You are eligible for HECS-HELP if you are a Commonwealth supported student and an Australian citizen or the holder of a permanent humanitarian visa.

Under this option, the Commonwealth Government pays the loan amount directly to Swinburne. When your salary reaches the minimum repayment threshold, you will make compulsory repayments through the tax system. Visit [studyassist.gov.au](https://studyassist.gov.au)

### Other expenses

All degree students pay a student services and amenities fee. In 2019, the maximum fee is \$303 for a full-time student (subject to change). Students who are unable to pay the fee up-front can defer all or part of the fee through an element of the Higher Education Loan Payment, known as SA-HELP. The fee contributes to funding student services such as childcare, counselling, legal and health services, and sport and recreation.

You will also need to cover costs such as textbooks, materials, art supplies or software for your course.

## Advanced diplomas, diplomas and certificates

Your fees are made up of tuition, materials (if relevant) and ancillary fees (if relevant). Government-subsidised places are available to students who meet certain requirements such as age, citizenship/residency and prior qualifications. Visit [swinburne.edu.au/diplomas/fees](https://swinburne.edu.au/diplomas/fees)

### VET Student Loans

VET Student Loans let you defer some or all of the cost of your further education until you earn above the minimum repayment threshold. If you receive a VET Student Loan, the Australian Government pays the loan amount directly to Swinburne on your behalf. You then repay that loan through the tax system. Visit [studyassist.gov.au](https://studyassist.gov.au)

### Skills First

Skills First (formerly the Victorian Training Guarantee) is a Victorian Government scheme that helps eligible students access vocational education and training.

### Concessions

To be eligible for concessions, you must hold a current Health Care Card (HCC), Pensioner Concession Card or Veterans Gold Card, or be a dependent spouse or child of such a cardholder, and present the card (or a letter of eligibility from Centrelink) at the time of enrolment.

### Free TAFE for Priority Courses

Free TAFE for Priority Courses is a Victorian Government initiative that will pay eligible students' tuition fees in a range of TAFE courses. The government has committed to this initiative throughout 2019 only, but it may continue in 2020. Visit [swinburne.edu.au/free-tafe](https://swinburne.edu.au/free-tafe) to view the priority courses offered by Swinburne.

## Scholarships

Commencing and current students can access scholarships recognising community service, financial hardship or the need to relocate from regional areas to complete their studies. Visit [swinburne.edu.au/scholarships](https://swinburne.edu.au/scholarships) for more information about all available scholarships.

### Vice-Chancellor's Excellence Scholarship

If you achieve an ATAR of 95 or higher and receive an offer from us, you will automatically be offered this scholarship.

You will receive:

- \$5000 per annum for the normal duration of your chosen degree
- a one-off payment of \$2000 for an international study experience
- a guaranteed place in Swinburne's student accommodation if you live more than 80km from the Hawthorn campus (subject to academic performance and other scholarship conditions)\*
- the opportunity to join our Student Ambassador Program.

### Industry Scholarship Program

If you enrol in the Bachelor of Accounting and Information Systems or the Bachelor of Information Technology, you will automatically be offered a prestigious industry-funded scholarship of \$40k.

You will enjoy:

- \$40,000 approximately
- two twenty-week work placements with partners such as Deloitte, KPMG, PwC, Pitcher Partners, Ernst & Young, NAB and more.

\*Please note, you will need to apply for accommodation by the required deadline.



# How to apply

## VTAC applications

If you are a Year 12 student or you're applying for multiple courses that are listed in VTAC and start in Semester One, you'll need to apply through VTAC.

The application period usually opens in August and closes late September with some late applications accepted in certain circumstances. Visit [vtac.edu.au](http://vtac.edu.au) for the most up-to-date information.

### Change of Preference

You can change your original VTAC application course preferences during the multiple Change of Preference periods, which are set by VTAC. While Change of Preference is open, you can add, remove, and reorder your preferences as many times as you like. See the VTAC website for more information.

Application methods	Semester 1/ February intake	Other intakes
Bachelor degree	Direct application or VTAC	Direct application
Associate degree	Direct application or VTAC	Direct application
Certificate IV, diploma, advanced diploma (full-time)	Direct application or VTAC	Direct application
Certificate IV, diploma, advanced diploma (part-time)	Direct application	Direct application
Certificate III and below	Direct application	Direct application
Apprenticeships	Find a job and register	Find a job and register
Pre-apprenticeships	Direct application	Direct application

## Direct applications

If you are a mature age, gap year or current university student (i.e. not a Year 12 student) and will be applying for just one Swinburne course, you can apply directly to us. (If you intend to apply to multiple courses or institutions, you should apply through VTAC). Keep in mind that direct applications are accepted for all intakes for all courses not listed on the VTAC website. Visit [swinburne.edu.au/apply-now](http://swinburne.edu.au/apply-now) to apply online.

### Pre-apprenticeship, apprenticeship and traineeship applications

To apply for a pre-apprenticeship, you can apply directly to Swinburne using our online application system at [swinburne.edu.au/apply-now](http://swinburne.edu.au/apply-now).

To apply for an apprenticeship or traineeship, you must first find an employer who will take you on as an apprentice or trainee and arrange your training agreement.

Visit [swinburne.edu.au/apprenticeships](http://swinburne.edu.au/apprenticeships)

### International students

International students (including Temporary or Provisional Residents and holders of Temporary Protection Visas) applying to study at a Swinburne campus in Australia should contact us directly.

1800 897 973 (from within Australia)  
+61 3 9214 8444 (from outside Australia)  
[international@swinburne.edu.au](mailto:international@swinburne.edu.au)  
[swinburne.edu.au/international](http://swinburne.edu.au/international)

## Our approach to ATARs

We believe you can reach your goals no matter your ATAR. That's why we have options for every ATAR.

The ATARs listed in this guide are relevant for 2019 entry only. Entry to some courses is based on a range of criteria, such as interview, folio or experience. Refer to VTAC for full details.

**Guaranteed Entry ATAR:** An offer is guaranteed to students who achieve this ATAR, providing all other prerequisites are met. Students with an ATAR below the published guaranteed entry ATAR will be considered.

**Minimum ATAR:** This ATAR is the minimum that must be achieved to be considered for this course. Adjustment factors such as SEAS apply.

**Adjustment factors:** Previously known as "bonus points", these are used in combination with your ATAR to grant extra consideration for course entry. Adjustment factors may include relevant subjects studied at school or the Special Entry Access Scheme (SEAS) for students who have experienced educational disadvantage.



# Have your cake and eat it too

Swinburne degrees are some of the most flexible around. Not every uni lets you change your major (or degree!) mid-way through. But for many of our courses, that's exactly what you can do. If you like the sound of options, read on!



## What's in a standard degree?

Our standard degrees are made up of 24 units of study and typically take three years full-time to complete. A unit is basically another name for a subject and you'll usually take four per semester; eight per year. These units (or subjects) largely fall into one of three categories:



### Core units

Everyone enrolled in your bachelor degree (regardless of their chosen major) will need to complete these to graduate.



### Major units

These specific subjects make up your specialisation – pick a major you love!

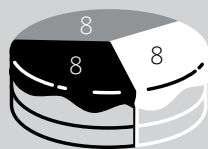


### Elective units

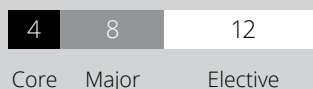
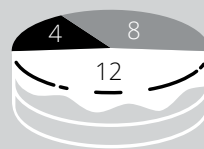
Your remaining units can come from any study area. Choose to:

- take all from your course to end up with a second major,
- take all from another course to score a co-major,
- take four from one area to earn a minor, or
- mix and match based on your interests.

Every degree is different but, for most of our standard degrees, your ratio of units will be:



OR







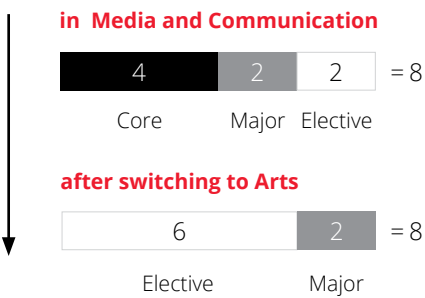
## How do I know what major and electives to choose?

First year is a good chance to sample subjects that appeal to you. If you have a career in mind, choose subjects related to it. If not, follow your interests – they'll lead you on a path that will become clearer in time.

### Case study: Brittany traded media and communication for arts

Brittany enrolled in a **Bachelor of Media and Communication with a major in Journalism**. In first year, she completed four core units, two journalism subjects and two electives. For her electives, she selected two politics subjects that sounded really interesting. She ended up liking these so much that Brittany decided to switch to a **Bachelor of Arts with a major in Politics and International Relations**. How did she do it? The core and major units she'd already completed became a portion of the elective units of her new degree. So Brittany continued into second year of Arts and still completed her degree on time! Clever Brittany.

#### What Brittany's first year looks like...



# Our courses

Arts and Humanities	24
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“”

*Having teachers that are truly engaged has made the course for me. 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.*

Julia Ahearne

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**STUDYING BACHELOR OF ARTS  
(PROFESSIONAL WRITING AND EDITING)**

# Arts and Humanities

An arts degree is a bit like a master key – it can open a lot of doors. By understanding language, people and culture, you'll be able to think critically and communicate effectively. These are valuable, future-proof skills that can be transferred to almost any industry.

So whether you imagine yourself traveling the world reporting on world events, writing that best-selling book, influencing or setting public policy, or improving the lives of local communities, it all begins here.

## PROFESSIONAL RECOGNITION

Our arts and humanities courses provide many opportunities to connect with leading industry organisations.

Graduates of the digital advertising technology major may be eligible for membership of the Australian Interactive Media Industry Association.

Graduates of the journalism major may be eligible to apply for membership of the Media, Entertainment and Arts Alliance.

Double degrees may provide additional opportunities for membership.

#1

FOR QUALITY OF  
TEACHING IN MELBOURNE

Good Universities Guide 2019 and QILT  
Student Experience Survey 2016 and 2017

BE A  
PUBLISHED  
WRITER

Our student-produced  
magazine, *The Burn*, is just one  
way to get your work published  
while you study.

## ARTS AND HUMANITIES AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective

### Bachelor of Arts

4 8 12

- Advertising
- Chinese
- Cinema and Screen Studies
- Creative Writing and Literature
- Criminology
- Digital Advertising Technology
- Environmental Sustainability
- Games and Interactivity
- Global Studies **NEW!**
- History
- Indigenous Studies **NEW!**
- Japanese
- Journalism
- Media Industries
- Philosophy
- Politics and International Relations
- Professional Writing and Editing
- Social Media
- Sociology

### Certificates and diplomas in

- Arts
- Journalism
- Library and Information Services
- Professional Writing and Editing



# Arts and Humanities

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
ADVERTISING				
Bachelor of Arts (Professional) with a major in Advertising [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
Bachelor of Arts with a major in Advertising [H]	60	3 yrs FT/6 yrs PT		V or D
Gain vital knowledge and skills needed to succeed in the complex and creative world of advertising. Explore effective design and strategy, as well as advertising development, implementation and evaluation. Learn how to design advertisements that not only please clients but achieve the ultimate purpose of reaching the audience in the desired way.				
This degree is professionally accredited by the Media Federation of Australia.				
Also see Media and Communication (page 97).				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Marketing and sales professional, public relations officer, advertising consultant, media planner, brand strategist.				
ARTS				
Bachelor of Arts (Professional) [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
Bachelor of Arts [H]	60	3 yrs FT/6 yrs PT		V or D
Gain a general understanding of contemporary social and cultural developments, as well as specialised knowledge in a chosen area(s) of study. Choose from a wide range of major study areas.				
The advertising major is professionally accredited by the Media Federation of Australia.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Journalist, interpreter, writer, novelist, public policy analyst, media and communications manager, social media planner, historian, social researcher, advertising officer, sociologist, welfare worker.				
Bachelor of Arts/Bachelor of Business [H]	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Build strong business skills and develop your understanding of contemporary social, media and cultural developments. Choose from a wide range of arts and business majors and prepare for a career with global opportunities.				
Business majors include accounting, business administration, economics, entrepreneurship and innovation, finance, financial planning, human resource management, information systems, international business, logistics and supply chain management, management, marketing and sports management.				
Professional accreditation: See Bachelor of Business (page 43).				
Career opportunities: Policy analyst, business analyst, administrator, research assistant, economist, social media planner, business journalist, sales manager, communication specialist, marketing specialist, human resource manager, entrepreneur.				
Bachelor of Arts/Bachelor of Science [H]	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
Learn to solve problems with a scientific mindset while building your awareness of contemporary society, communication and culture. This degree will prepare you for a career with global opportunities.				
Science majors include applied mathematics, physics, chemistry, biochemistry, biotechnology and environmental science. Arts majors include politics and international relations, sociology, languages, criminology, journalism, philosophy, media industries and more.				
Career opportunities: Sustainability manager, sustainability coordinator, social media planner, science journalist, political analyst, policy researcher and adviser, science communication specialist, physicist, biologist, environmental scientist, industrial chemist, novelist.				
Bachelor of Education (Secondary)/Bachelor of Arts [H]	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Gain a teaching qualification with the opportunity to pursue interests in the humanities. Engage in innovative approaches to teaching and learning in a secondary school, as well as the ability to reflect on the social, ethical and professional expectations that the rise of technology brings to the classroom and the nature of learning.				
Professional accreditation: See Bachelor of Education (Secondary) (page 60) and Bachelor of Arts.				
All students are required to have a valid police check and working with children check.				
Career opportunities: Secondary school teacher.				

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Bachelor of Laws/Bachelor of Arts [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Gain an understanding of important social, cultural and international developments through a range of arts majors. Professional accreditation: See Bachelor of Laws (page 94) and Bachelor of Arts. <b>Career opportunities:</b> Lawyer, public servant, media manager, communications manager, consultant, publisher, legal adviser, human rights advocate, journalist.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Arts and Communication (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in communication skills, sociology and marketing.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL)	V or D

## CHINESE

<b>Bachelor of Arts (Professional) with a major in Chinese [H]</b> <b>Bachelor of Arts with a major in Chinese [H]</b> Study the structure, grammar, phonetics and phonology of Chinese at beginner or advanced level to become prepared for a range of specialist and general professions. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, public policy analyst, welfare worker, cultural adviser, international trade consultant, tourism and travel consultant, translator.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
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## CINEMA AND SCREEN STUDIES

<b>Bachelor of Arts (Professional) with a major in Cinema and Screen Studies [H]</b> <b>Bachelor of Arts with a major in Cinema and Screen Studies [H]</b> 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. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Broadcast presenter, film researcher, production coordinator, community arts worker, film distribution coordinator, film festival manager, entertainment journalist.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
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## CREATIVE WRITING AND LITERATURE

<b>Bachelor of Arts (Professional) with a major in Creative Writing and Literature [H]</b> <b>Bachelor of Arts with a major in Creative Writing and Literature [H]</b> 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. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, publisher, writer, editor, screenwriter, producer, novelist.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
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## CRIMINOLOGY

<b>Bachelor of Arts (Professional) with a major in Criminology [H]</b> <b>Bachelor of Arts with a major in Criminology [H]</b> 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 crime. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, public policy analyst, welfare worker, corrections officer, police officer, community development officer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
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# Arts and Humanities

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>CRIMINOLOGY (CONTINUED)</b>				
<b>Bachelor of Criminal Justice and Criminology [H] <span>NEW!</span></b> Gain insight into both the causes of crime (criminology) and the consequences and responses to criminal behaviour (criminal justice). Learn about local and global criminality, traditional approaches to crime, and emerging trends and practises. Examine how technological advances impact the sector, such as in predicting crime, detecting and preventing criminal behaviour, and implementing effective criminal sanctions. Graduates will be prepared for work in areas such as law enforcement, corrections, offender rehabilitation, victim support and government policy development. <b>Career opportunities:</b> Law enforcement officer, victim support worker, government policy writer, corrections officer.	60	3 yrs FT/6 yrs PT	Units 3 and 4 – a study score of at least 30 in English (EAL) or at least 25 in English other than EAL	V or D
<b>DIGITAL ADVERTISING TECHNOLOGY</b>				
<b>Bachelor of Arts (Professional) with a major in Digital Advertising Technology [H]</b> <b>Bachelor of Arts with a major in Digital Advertising Technology [H]</b> Develop highly sought-after skills in digital advertising and digital marketing. Get experience using Adobe Experience Cloud, premium software used in creative agencies, marketing teams and digital consultancies around the world. Become an expert in the rapidly growing areas of digital analytics, search marketing, social media marketing and video marketing. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Publisher, writer, editor, social media officer, digital advertising specialist, advertising account manager, marketing coordinator, digital campaign manager, digital content manager, search marketing specialist, web analytics expert.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>ENVIRONMENTAL SUSTAINABILITY</b>				
<b>Bachelor of Arts (Professional) with a major in Environmental Sustainability [H]</b> <b>Bachelor of Arts with a major in Environmental Sustainability [H]</b> Examine the causes and extent of ecological destruction and the transformations required to enable sustainable economies. Address issues such as climate change; the destruction of forests, arable land and oceanic fisheries; resource depletion; fossil fuel and motor vehicle dependence; and threats to social wellbeing. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Environmental officer, sustainability policy adviser, sustainability engagement coordinator, environmental consultant.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>GAMES AND INTERACTIVITY</b>				
<b>Bachelor of Arts (Professional) with a major in Games and Interactivity [H]</b> <b>Bachelor of Arts with a major in Games and Interactivity [H]</b> 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. Become equipped with the skills needed to work in the rapidly evolving games industry as well as the broader digital media sector. Also see Games and Animation (page 72) and Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Games developer, media producer, multimedia developer, video games developer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>GLOBAL STUDIES</b>				
<b>Bachelor of Arts (Professional) with a major in Global Studies [H] <span>NEW!</span></b> <b>Bachelor of Arts with a major in Global Studies [H] <span>NEW!</span></b> Gain an understanding of the political, cultural, economic and social contexts of global issues. Learn how to deal with foreign cultures, languages, worldviews and values; gain an appreciation for cultural diversity and borderless societies; and develop an understanding about how economic trade and geopolitical lines affect our everyday lives.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>HISTORY</b>				
<b>Bachelor of Arts (Professional) with a major in History [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in History [H]</b> Research, engage and challenge traditional ideas and practices, while developing critical skills in understanding how history is both made and written. Learn about the historical antecedents of contemporary problems, including themes of war and peace, colonialism, gender, media, and political and radical history. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, analyst, curator, media officer, policy adviser, public relations officer, historian, writer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>INDIGENOUS STUDIES</b>				
<b>Bachelor of Arts (Professional) with a major in Indigenous Studies [H] NEW!</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Indigenous Studies [H] NEW!</b> Explore the contemporary and historical experience of Indigenous Australians and investigate a range of issues faced by Indigenous cultures throughout the world.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>JAPANESE</b>				
<b>Bachelor of Arts (Professional) with a major in Japanese [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Japanese [H]</b> Study the structure, grammar, phonetics and phonology of Japanese at beginner or advanced level to become prepared for a range of specialist and general professions. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, public policy analyst, welfare worker, cultural adviser, international trade consultant, tourism and travel consultant, translator.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>JOURNALISM</b>				
<b>Bachelor of Arts (Professional) with a major in Journalism [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Journalism [H]</b> 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 work in online, television, radio and print outlets. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, publisher, writer, editor, multimedia content producer, television presenter, radio presenter, investigative reporter, social commentator, social media coordinator, digital content manager, radio producer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Screen and Media (CUA51015) – Sports Media [H]</b> Benefit from our unique partnership with Richmond Football Club and take a focused approach towards a career in the sports media industry. With access to an elite Melbourne sporting club, you will build the skills essential for developing high quality digital content with practical outcomes, and be well placed for employment in the sports industry. This course includes an internship. <b>Career opportunities:</b> Sports journalist social media coordinator, video/podcast producer, project manager, campaign manager, media manager.	RC	1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants will also be required to attend an interview.	D
<b>Certificate IV in Screen and Media (CUA41215) [H]</b> Gain practical skills and knowledge for a future in the media industry. Explore a range of specialisations in film and TV, animation and broadcast journalism to help you select your preferred career path. <b>Career opportunities:</b> Radio producer, News interviewer, YouTube content developer, editorial assistant.		1 yr FT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D

# Arts and Humanities

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>LIBRARY AND INFORMATION SERVICES</b>				
<b>Diploma of Library and Information Services BSB52115 [H] [O]</b> Gain the skills and knowledge needed to work in a variety of technical and customer service positions in the library and information sector. <b>Career opportunities:</b> Library technician, library officer, library adviser.		1 yr FT/2 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>MEDIA INDUSTRIES</b>				
<b>Bachelor of Arts (Professional) with a major in Media Industries [H]</b> <b>Bachelor of Arts with a major in Media Industries [H]</b> Develop the knowledge and skills needed to understand and prepare for roles in the media environment. Gain experience in making connections with industry. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Communications coordinator, community relations officer, digital media manager, media buyer, media campaigns officer, media content coordinator, media policy analyst, publisher, radio/podcast producer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>PHILOSOPHY</b>				
<b>Bachelor of Arts (Professional) with a major in Philosophy [H]</b> <b>Bachelor of Arts with a major in Philosophy [H]</b> Gain an understanding of the main philosophical themes and thinkers that have shaped our contemporary worldview. Develop critical and creative reasoning skills. Undertake studies in areas including environmental philosophy, ethics, philosophical psychology, political philosophy and the history of ideas. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, public policy analyst, advocacy officer, business ethics consultant, lobbyist, mediator, politician, social commentator, writer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>POLITICS AND INTERNATIONAL RELATIONS</b>				
<b>Bachelor of Arts (Professional) with a major in Politics and International Relations [H]</b> <b>Bachelor of Arts with a major in Politics and International Relations [H]</b> Learn about Australian and comparative politics, public policy, foreign policy and international relations theory. Examine Australia's engagement with the Asia-Pacific region, violence in the international realm, ethical approaches to security, as well as the major conflicts occupying the international agenda. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Politician, journalist, diplomat, human rights officer, foreign affairs adviser, international trade specialist.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>PROFESSIONAL WRITING AND EDITING</b>				
<b>Bachelor of Arts (Professional) with a major in Professional Writing and Editing [H]</b> <b>Bachelor of Arts with a major in Professional Writing and Editing [H]</b> Gain an understanding of industry laws and regulations, as well as writing and editing skills for novels, non-fiction, creative fiction, scripts, screenwriting, advertising and the web. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, publisher, writer, editor, public relations officer, novelist, screenwriter, copywriter.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Diploma of Professional Writing and Editing 22091VIC [H]</b> Learn about industry laws and regulations; gain skills in designing and developing text documents; and learn how to write and edit for novels, short stories, popular fiction, children's books and the web. <b>Career opportunities:</b> Journalist, publisher, writer, editor, public relations officer.		1 yr FT	Successful completion of Certificate IV in Professional Writing and Editing or equivalent, or industry experience	V or D
<b>Certificate IV in Professional Writing and Editing 22203VIC [H]</b> Gain writing, editing and proofreading skills. <b>Career opportunities:</b> Journalist, writer, editor, proofreader.		1 yr FT	Satisfactory completion of Victorian Year 12. Applicants must present a folio of work and attend an interview.	V or D



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>SOCIAL MEDIA</b>				
<b>Bachelor of Arts (Professional) with a major in Social Media [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Social Media [H]</b> 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. Also see Media and Communication (page 97). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Digital advertising specialist, social media officer, journalist, publisher, editor, multimedia content producer, social media producer, digital marketer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>SOCIOLOGY</b>				
<b>Bachelor of Arts (Professional) with a major in Sociology [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Sociology [H]</b> Understand and respond to urgent global challenges: wellbeing across the life span, global movements and inequalities, and technological transformations. Engage with classical and contemporary social theory and acquire traditional and emerging social research skills, including digital and audio-visual methods. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, sociologist, welfare worker, community education officer, cultural events coordinator, youth justice worker, policy researcher, policy analyst, government adviser, strategic engagement officer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

# Aviation

Is it a bird? Is it a plane? Well, yes, actually – and it could be you flying it! Our Bachelor of Aviation will have you taking to the skies from week one. Prefer to keep your feet firmly on the ground? Our aviation management courses could be just the ticket.

Soar into a future in piloting aircraft, air traffic control, management, compliance, network analysis and beyond.

## AVIATION AT A GLANCE

UNIT TYPES  Core  Major  Elective

<b>Bachelor of Aviation</b>	<div><div></div></div> 8	<div><div></div></div> 8	<div><div></div></div> 8
<b>Bachelor of Aviation Management</b>	<div><div></div></div> 16	<div><div></div></div> 8	

## INDUSTRY LEADERS

Our industry advisory board members work for organisations including Qantas, Jetstar, Virgin Australia and Tiger Airways.

### Jetstar

Swinburne is proud to provide cadet pilot training for Jetstar. The cadetship program trains future First and Second Officers to fly Jetstar Airbus A320 and Boeing 787 Dreamliner aircraft.



### 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.



MORE THAN  
25 YEARS

LEADING AVIATION  
EDUCATION

ONLY UNI  
IN VICTORIA

to offer bachelor degree-level  
courses that specifically train  
you to be a commercial pilot.



A portrait of a young man with dark hair, smiling, wearing a red jacket over a white t-shirt. The background is blurred with warm, bokeh lights. The text is overlaid on a yellow rectangular background on the left side of the image.

“”

*I've wanted to be a pilot since I was just five years old. I chose Swinburne because of their partnership with CAE Oxford, the world's largest flight training network. The most fun part of my course so far has been flying aerobatics in the Decathlon aircraft!*

Nicolas Bacigalupo

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STUDYING AVIATION



# Aviation

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>AVIATION MANAGEMENT</b>				
<b>Bachelor of Aviation Management [H]</b> Gain a sound professional understanding of the aviation industry and develop skills in organisational, regulatory, safety, technical and business management. <b>Career opportunities:</b> Business systems manager, airline ground operations manager, airport manager, airline operations manager.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Aviation Management/Bachelor of Business [H]</b> Gain a sound professional understanding of how airlines, airports and the aviation industry operate in terms of regulatory, safety, technical and business management. Complement this knowledge with sought-after skills in innovation, leadership and change management. Choose from a range of business majors, including accounting, economics, entrepreneurship and innovation, finance, human resource management, information systems, international business, logistics and supply chain management, management and marketing. Professional accreditation: See Bachelor of Business (page 43). <b>Career opportunities:</b> Business systems manager, airline flight operations manager, airline ground operations manager, airline operations manager, human resource manager, marketing professional, operations manager.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Aviation Management [H]</b> Become equipped with the skills to work in commercial and general legal practice and in aviation management. Explore legal principles and practices, including regulatory compliance and contract law, which are of critical importance in the aviation industry. Gain insight into how airlines and airports operate. Undertake three law-related professional experience placements of 20 days each. Professional accreditation: See Bachelor of Laws (page 94). <b>Career opportunities:</b> Lawyer, consultant, manager, compliance and regulation manager, project manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>PROFESSIONAL PILOTING</b>				
<b>Bachelor of Aviation [H and EV]</b> Become equipped for a professional career as a pilot. Learn about the structure and operation of the aviation industry; undertake flying training at CAE Oxford Aviation Academy; 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. <b>Career opportunities:</b> Professional pilot.	RC	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics. Applicants must complete a skills test.	V or D
<b>Bachelor of Aviation/Bachelor of Business [H and EV]</b> Become equipped for a professional career as a pilot and learn about the world of business. Professional accreditation: See Bachelor of Business (page 43). <b>Career opportunities:</b> Professional pilot.	RC	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics. Applicants must complete a skills test.	V or D
<b>Associate Degree of Aviation</b> Undertake your professional pilot training at CAE Oxford Aviation Academy (CAEOAA), Moorabbin Airport, as part of the Jetstar cadetship program. You'll obtain a Commercial Pilot Licence (CPL) and Multi-engine Aeroplane Instrument Endorsement. You will also complete a Multi Crew Cooperation and Jet Orientation Course, and the required theory for the Air Transport Pilot Licence in order to prepare you for a career as a commercial pilot. This course is offered in conjunction with Swinburne through Jetstar and must be applied for directly with them. <b>Career opportunities:</b> Commercial pilot	RC	1.5 years F/T	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and a study score of at least 20 in Further Mathematics.	Direct to Jetstar

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Built Environment and Architecture

Whether you want to have an impact designing interiors, buildings, bridges or even cities, our Built Environment and Architecture courses are created with the future in mind. You'll discover a focus on craftsmanship, sustainability and innovation, spearheaded by digital technology and hands-on experience.

Learn how to bring out the best of the natural landscape, design sustainable spaces for communities or create innovative infrastructure as an architect, designer or engineer.



## BUILT ENVIRONMENT AND ARCHITECTURE AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective

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

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

**Bachelor of Engineering (Honours)** 12 16 4

- Architectural Engineering
- Civil Engineering
- Construction Engineering

### Certificates and diplomas in

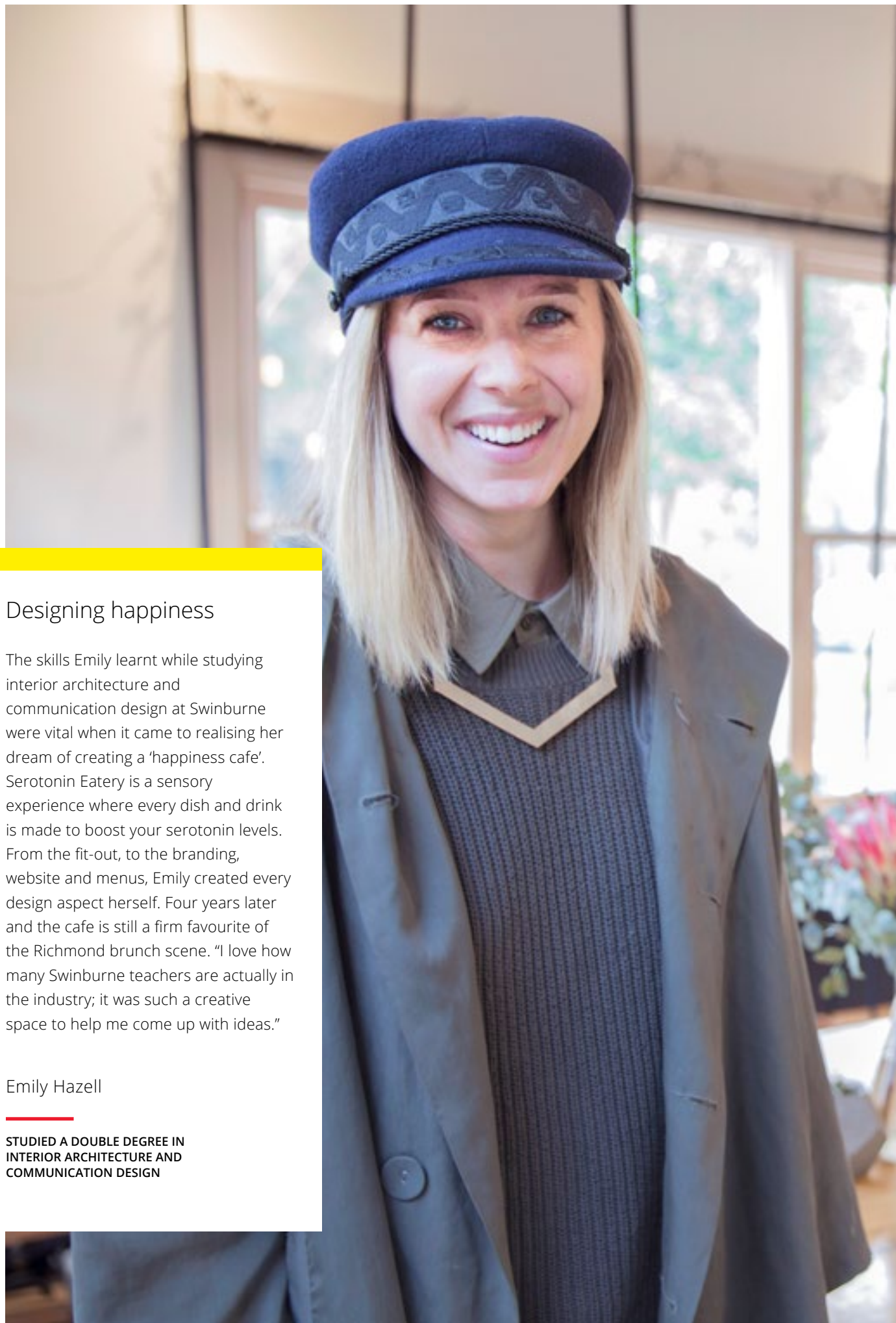
- Architecture and Building Design
- Interior Architecture and Design
- Civil Engineering
- Construction
- Horticulture and Landscape
- Conservation and Land Management

## 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.



## Designing happiness

The skills Emily learnt while studying interior architecture and communication design at Swinburne were vital when it came to realising her dream of creating a 'happiness cafe'. Serotonin Eatery is a sensory experience where every dish and drink is made to boost your serotonin levels. From the fit-out, to the branding, website and menus, Emily created every design aspect herself. Four years later and the cafe is still a firm favourite of the Richmond brunch scene. "I love how many Swinburne teachers are actually in the industry; it was such a creative space to help me come up with ideas."

Emily Hazell

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**STUDIED A DOUBLE DEGREE IN  
INTERIOR ARCHITECTURE AND  
COMMUNICATION DESIGN**



# Built Environment and Architecture

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ARCHITECTURE AND BUILDING DESIGN</b>				
<b>Bachelor of Design (Architecture) [H]</b> Gain a deep understanding of 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. <b>Career opportunities:</b> Architecture roles for private and corporate architecture firms, government organisations, development companies or in the building and design sector. Further study required to practise as an architect.	RC	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). Selection will be made using a range of criteria which can include (but not be limited to) a pre-selection kit requiring submission of an online portfolio and overall ATAR results.	V or D
<b>Advanced Diploma of Building Design (Architectural) 22477VIC [C] [H]</b> Learn about building theory and practice to design and develop drawings for residential, industrial and commercial buildings. Develop specialist skills and knowledge in design, problem-solving, construction technology, computer-aided drafting and project administration. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building design practitioner. <b>Career opportunities:</b> Building designer, drafting technician.		2 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer	V or D
<b>ARCHITECTURAL ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Architectural [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics.	V
<b>Bachelor of Engineering (Honours) with a major in Architectural [H]</b> 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. Undertake at least 12 weeks of professional experience. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Design engineer, structural systems engineer, architectural engineer, project engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>INTERIOR ARCHITECTURE AND DESIGN</b>				
<b>Bachelor of Design (Interior Architecture) (Honours) [H]</b> Learn about the environments in which we spend our lives and how they are formed and fabricated. Learn to capitalise on new technologies and materials in the construction of indoor and outdoor 3D spaces. <b>Career opportunities:</b> Interior designer, industrial designer, property designer, retail designer, product designer, design consultant, business strategist.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts, Systems Engineering, or Visual Communication Design	V or D
<b>Advanced Diploma of Interior Design MSF60113 [H]</b> Build on existing design knowledge and bring complex commercial projects to life using modern 3D visualisation techniques. Develop accelerated knowledge of construction, and the skills to thrive when faced with spatial design problems of all shapes and sizes. <b>Career opportunities:</b> Interior designer.		6 mths FT	Successful completion of the Diploma of Interior Design and Decoration.	D
<b>Diploma of Interior Design and Decoration MSF50213 [H]</b> Learn how to design interior spaces in retail, domestic and exhibition spaces. Gain the skills to plan and create furniture, fittings, surface and colour schemes for a range of architectural contexts. <b>Career opportunities:</b> Interior designer.		1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Built Environment and Architecture

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>CIVIL ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Civil [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Civil [H]</b> 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. Undertake at least 12 weeks of professional experience. This degree is professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Civil engineer, civil design engineer, structural engineer, environmental engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>Advanced Diploma of Engineering Technology specialising in Civil Engineering Design 22479VIC [H]</b> Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects. <b>Career opportunities:</b> Draftsperson, technical officer, construction supervisor.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>CONSTRUCTION</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Construction [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Construction [H]</b> Learn comprehensive theory and gain practical experience in construction engineering, project management and risk management to deliver large infrastructure projects such as buildings, bridges, road and rail systems, water supply systems, waste treatment systems, airports and seaports. Undertake at least 12 weeks of professional experience. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Construction engineer, construction manager.	75	4 yrs FT/8 yrs PT		V or D
<b>Advanced Diploma of Building Design (Architectural) 22477VIC [C] [H]</b> Learn about building theory and practice to design and develop drawings for residential, industrial and commercial buildings. Develop specialist skills and knowledge in design, problem-solving, construction technology, computer-aided drafting and project administration. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building design practitioner. <b>Career opportunities:</b> Building designer and planner, drafting technician.		2 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer	V or D
<b>Diploma of Building and Construction (Building) CPC50210 [H]</b> Learn about building theory and practice related to managing and supervising the construction of residential, industrial and commercial buildings. Develop skills and knowledge in reading plans, estimating, scheduling, construction technology, site supervision, surveying, contracts and business management. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building practitioner. <b>Career opportunities:</b> Construction supervisor.		1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building supervisor	V or D
<b>Certificate IV in Building and Construction (Building) CPC40110 [C]</b> Learn the theory and practice needed to construct residential building projects. Gain skills and knowledge to read plans, work safely, estimate, schedule, prepare a tender and supervise construction works. <b>Career opportunities:</b> Construction officer.		5 mths PT	Relevant construction industry experience, or undertaking an apprenticeship in the building industry	D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>HORTICULTURE AND LANDSCAPE</b>				
<b>Diploma of Horticulture AHC50416 [W]</b> Learn about plant nutrition, plant health, propagation and recognition of plants, landscape design, products and services, and business management and administration. <b>Career opportunities:</b> Nursery manager, landscape designer, parks and gardens manager, horticultural consultant, landscaper, garden centre operator.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Diploma of Landscape Design AHC50616 [W]</b> Combine visual and creative skills with practical and technical aspects of landscape, permaculture, business and planting design. This course is for those who seek a career as a landscape designer or those who are involved in a horticulture or landscape business and wish to upgrade their professional skills and knowledge. <b>Career opportunities:</b> Landscape designer.		1.5 yrs FT/3 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>CONSERVATION AND LAND MANAGEMENT</b>				
<b>Diploma of Conservation and Land Management AHC51116 [W]</b> Gain a broad knowledge of environmental science and develop management strategies for the sustainable use of our resources. Learn about surveying fauna and flora, waterway testing and restoration, cultural resource management, ecological fire management, erosion and sediment control, project management and community engagement. <b>Career opportunities:</b> Conservationist, park ranger.		1.5 yrs FT/2 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, relevant work experience	V or D
<b>Certificate III in Conservation and Land Management AHC31416 [W]</b> Get skills and knowledge relevant to the conservation and land management industry. Participate in industry-focused field-based training to gain skills for outdoor work at trade level. <b>Career opportunities:</b> Conservationist, park ranger.		1.5 yrs PT	Applicants must be 15 years or over and have appropriate numeracy and literacy skills	D



# Business

Got dreams to be bigger than Richard Branson or Sheryl Sandberg? From managing multi-million-dollar companies to building your own, get your career started with one of our business courses.

With courses covering all aspects of the business, financial and management industries, you'll learn skills and practices that will help you excel in any enterprise, anywhere in the world.

Kick-start a career in accounting, data analysis, entrepreneurship, human resources, marketing and beyond. Graduates have gone on to work for companies like Deloitte, PwC, Telstra, NAB, ANZ and IBM.

## PROFESSIONAL RECOGNITION

Our business courses are recognised by leading industry organisations. Graduates may be eligible for membership of a number of organisations relevant to their major area of study.



# #1

**FOR LEARNING  
EXPERIENCE (BUSINESS)**

QILT Student Experience Survey 2017,  
compared to other universities in Victoria

**GUARANTEED  
\$40K  
SCHOLARSHIPS**

**Bachelor of Accounting  
and Information  
Systems, and Bachelor of  
Information Technology**

**OUR BUSINESS  
GRADS  
EARN \$3,000  
MORE A YEAR**

**(THAT'S ONE BUSINESS-  
CLASS TRIP TO TOKYO!)**

QILT Graduate Outcome Survey 2016,  
2017 compared to the national average

## BUSINESS AT A GLANCE

UNIT TYPES  Core  Major  Elective  Prof. Placement  Adv. Minor

**Bachelor of Accounting**  8  8  4  4

**Bachelor of Accounting and  
Information Systems**  8  16  8

**Bachelor of Aviation  
Management**  16  8

**Bachelor of Business**  8  8  8

- Accounting
- Accounting and Finance
- Accounting and Financial Planning
- Business Administration
- Economics
- Entrepreneurship and Innovation
- Finance
- Financial Planning
- Human Resource Management
- Information Systems
- International Business
- Logistics and Supply Chain Management
- Management
- Marketing
- Sports Management

**Bachelor of Business  
Information Systems**  8  8  8

- Business Analysis
- Data Analytics
- Data Management

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

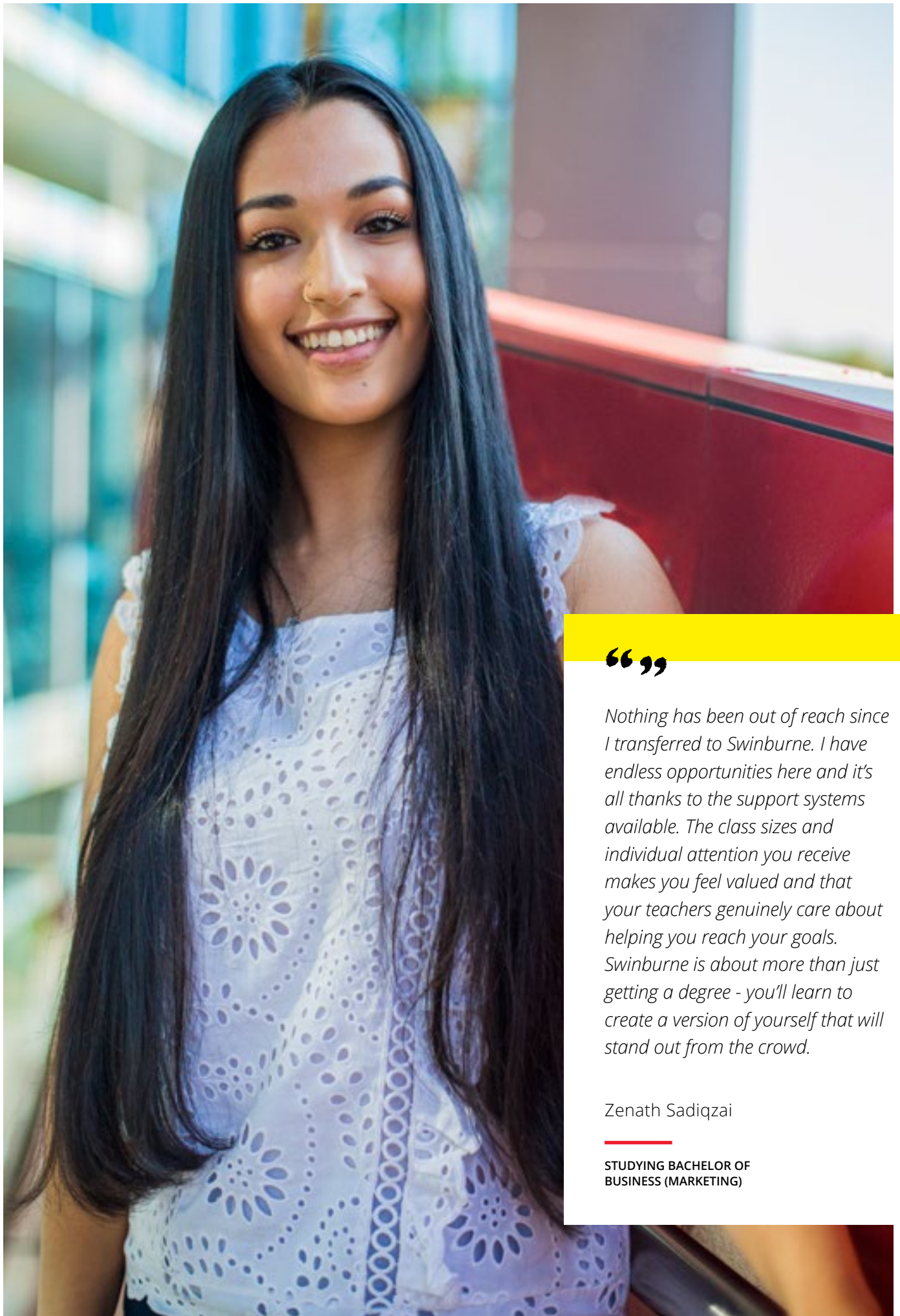
- Business Systems
- Systems Analysis

**Bachelor of Information Technology**  16  8  8

**Bachelor of Innovation and Design**  8  8  8

## Certificates and diplomas in

- Accounting
- Business Foundational
- Event Management
- Financial Services
- Human Resource Management
- Legal Services
- Library and Information Services
- Marketing
- Project Management
- Real Estate
- Sports Management



“”

*Nothing has been out of reach since I transferred to Swinburne. I have endless opportunities here and it's all thanks to the support systems available. The class sizes and individual attention you receive makes you feel valued and that your teachers genuinely care about helping you reach your goals. Swinburne is about more than just getting a degree - you'll learn to create a version of yourself that will stand out from the crowd.*

Zenath Sadiqzai

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**STUDYING BACHELOR OF  
BUSINESS (MARKETING)**

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
ACCOUNTING				
Bachelor of Accounting [H]	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Bachelor of Accounting [O]	60			D
Develop skills that are fundamental to evaluating, analysing and communicating the financial position of an organisation or individual. Learn about the areas of economics, company law, financial accounting, management accounting, finance, tax and auditing. This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. <b>Career opportunities:</b> Public accountant, business consultant, auditor, taxation agent, analyst, forensic accountant.				
Bachelor of Accounting and Information Systems [H]	RC	3 yrs FT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
This prestigious degree aims to produce future business leaders. You will complete a four-year degree in just three years, receive an industry-funded scholarship worth approximately \$40,000 and undertake two 20-week work placements with industry partners such as KPMG, Pitcher Partners, Ernst & Young, Simplot and Unico. Learn how to use accounting systems to record and analyse business activities, employ financial statements to guide investment decisions and use information from cost accounting systems to make decisions, develop operating strategies and evaluate business performance. Discover how people, information, computers, networks and processes come together to create cohesive business solutions. This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. <b>Career opportunities:</b> Public accountant, business consultant, auditor, taxation agent, systems architect, data analyst, business IT manager, business and systems analyst, business analyst, forensic accountant.				
Bachelor of Business (Professional) with a major in Accounting [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
Bachelor of Business with a major in Accounting [H]	60	3 yrs FT/6 yrs PT		V or D
Bachelor of Business with a major in Accounting [O]	60	3 yrs FT/6 yrs PT		D
Develop skills that are fundamental to evaluating, analysing and communicating the financial position of an organisation or individual. Become prepared in the areas of financial information systems, management accounting, company accounting, financial management, tax and auditing. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business manager, accountant, project manager, administrator, risk analyst.				
Advanced Diploma of Accounting FNS60217 [H]		6 mths FT/1 yr PT	Satisfactory completion of Diploma of Accounting or equivalent	D
Gain a thorough understanding of accounting functions related to tax issues and plans, corporate governance matters, reporting on financial systems, analysing management accounting information and applying accounting principles in legal-related matters. <b>Career opportunities:</b> Analyst, accounts clerk, administrator, bookkeeper, payroll officer.				
Diploma of Accounting FNS50217 [H] [O]		6 mths FT/1 yr PT	Satisfactory completion of Certificate IV in Accounting and Bookkeeping or equivalent, or relevant work experience	V or D
Learn about intermediary accounting principles and applications. Gain practical accounting skills for work in financial services and other industries requiring accounting support. <b>Career opportunities:</b> Analyst, accounts clerk, administrator, bookkeeper, payroll officer.				
Certificate IV in Accounting and Bookkeeping FNS40217 [C] [H] [O] [W]		6 mths FT/1 yr PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
Receive practical training for a job in the accounting sector. Learn to prepare financial reports, set up and operate a computerised accounting system, establish and maintain payroll systems, and complete business activity and instalment activity statements. <b>Career opportunities:</b> Accounts clerk, administrator, bookkeeper, payroll officer.				
ACCOUNTING AND FINANCE				
Bachelor of Business (Professional) with a major in Accounting and Finance [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
Bachelor of Business with a major in Accounting and Finance [H]	60	3 yrs FT/6 yrs PT		V or D
Bachelor of Business with a major in Accounting and Finance [O]	60	3 yrs FT/6 yrs PT		D
Develop core skills in analysing investments, sourcing foreign exchange deals, analysing and communicating the financial position of an organisation, risk management and business investment. This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business manager, accountant, investment banker, administrator, risk analyst, financial adviser, investment manager, financial forecaster.				



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ACCOUNTING AND FINANCIAL PLANNING</b>				
<b>Bachelor of Business (Professional) with a major in Accounting and Financial Planning [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Accounting and Financial Planning [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business with a major in Accounting and Financial Planning [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>Gain an understanding of finance in large- and small-scale arenas. Develop knowledge and skills in company and personal accounting, as well as financial information systems, taxation, auditing and finance law.</p> <p>The Accounting and Financial Planning major meets the educational requirements of the Financial Planning Association of Australia. It is also accredited by Chartered Accountants Australia and New Zealand, CPA Australia and, subject to final approval of the educational requirements, the Tax Practitioners Board.</p> <p>The Bachelor of Business with a major in Accounting and Financial Planning and Bachelor of Business (Professional) with a major in Accounting and Financial Planning are accredited by the Financial Planning Education Council.</p> <p><b>Career opportunities:</b> Accountant, financial planner, business analyst, investment banker, risk analyst.</p>				
<b>AVIATION MANAGEMENT</b>				
<b>Bachelor of Aviation Management [H]</b>	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<p>Gain a sound professional understanding of the aviation industry and develop skills in organisational, regulatory, safety, technical and business management.</p> <p><b>Career opportunities:</b> Business systems manager, airline ground operations manager, airport manager, airline operations manager.</p>				
<b>Bachelor of Aviation Management/Bachelor of Business [H]</b>	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<p>Gain a sound professional understanding of how airlines, airports and the aviation industry operate in terms of regulatory, safety, technical and business management. Complement this knowledge with sought-after skills in innovation, leadership and change management. Choose from a range of business majors, including accounting, economics, entrepreneurship and innovation, finance, human resource management, information systems, international business, logistics and supply chain management, management and marketing, financial planning and sports management.</p> <p>Professional accreditation: See Bachelor of Business.</p> <p><b>Career opportunities:</b> Business systems manager, airline ground operations manager, airport manager, airline operations manager, human resource manager, marketing professional, operations manager.</p>				
<b>Bachelor of Aviation/Bachelor of Business [H and EV]</b>	RC	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics. Applicants must complete a skills test.	V or D
<p>Become equipped for a professional career as a pilot and learn about the world of business.</p> <p>For more: See Bachelor of Aviation (page 34).</p> <p><b>Career opportunities:</b> Professional pilot.</p>				
<b>BUSINESS</b>				
<b>Bachelor of Business (Professional) [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>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. Select at least one business major from a range that includes accounting, business administration, economics, entrepreneurship and innovation, finance, financial planning, human resource management, information systems, international business, logistics and supply chain management, management, marketing or sports management.</p> <p>The accounting and finance major is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand.</p> <p>The human resource management major is professionally accredited by the Australian Human Resources Institute. The Financial Planning major meets the requirements of the Financial Planning Association of Australia (FPA) subject to final FPA approval.</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Business manager, marketing specialist, business analyst, financial planner, human resources manager, accountant, economist, entrepreneur, operations manager, project officer, brand manager.</p>				

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>BUSINESS (CONTINUED)</b>				
<b>Bachelor of Arts/Bachelor of Business [H]</b> Build strong business skills and develop your understanding of contemporary social, media and cultural developments. Choose from a wide range of arts and business major study areas and prepare for a career with global opportunities. Professional accreditation: See Bachelor of Business and Bachelor of Arts (page 26). <b>Career opportunities:</b> Policy analyst, media officer, researcher, business manager, business journalist, sales manager, communication specialist, marketing specialist, human resource manager.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Design/Bachelor of Business [H]</b> Gain the skills necessary for a career in the growing creative industries sector. Develop your visual understanding, technical capability and business skills to improve commercial outcomes for yourself and others. Develop skills and knowledge in management and operations to prepare you for work in modern organisations. Design majors include branded environments, communication design, digital media design, photomedia, and UX interaction design. Professional accreditation: See Bachelor of Business. <b>Career opportunities:</b> Brand manager, business consultant, marketing and sales manager, UX interaction designer.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Business [H]</b> Combine expertise in an engineering field of your choice with the creative thinking and behaviours needed to become an innovative business professional. Complete core units in your first year to assist in selecting from a wide range of majors. Undertake at least 12 weeks of professional experience in engineering. Professional accreditation: See Bachelor of Business and Bachelor of Engineering (Honours) (page 65). <b>Career opportunities:</b> Networking engineer, electronics designer, manufacturing specialist, civil infrastructure engineer, construction engineer, project manager, engineering consultant.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Health Science/Bachelor of Business [H]</b> Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain core skills and knowledge in business, management and operations to prepare for work in modern organisations. Professional accreditation: See Bachelor of Business and Bachelor of Health Science (page 81). <b>Career opportunities:</b> Health writer, community development manager, market researcher, business manager, human resource manager, biomedical scientist, policy analyst, project manager.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). It is recommended that applicants have completed some prior study in Mathematics.	V or D
<b>Bachelor of Laws/Bachelor of Business [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Learn how to be an entrepreneurial thinker and gain skills and knowledge in business management and operations. Professional accreditation: See Bachelor of Business and Bachelor of Laws (page 94). <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, entrepreneur, business owner, international trader, banking and finance adviser, industrial relations consultant, corporate counsellor.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Media and Communication/Bachelor of Business [H]</b> Learn how to think critically and to develop problem-solving skills, research issues and analyse information. Gain an understanding of media and media production, public relations and the impact of design on these specialised areas of communication whilst becoming an innovative business professional. Professional accreditation: See Bachelor of Business and Bachelor of Media and Communication (page 97). <b>Career opportunities:</b> Marketing and sales professional, public relations specialist, communications adviser, advertising consultant, marketing specialist, business journalist, business writer, business manager.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>BUSINESS FOUNDATIONAL</b>				
<b>Diploma of Business (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in accounting, economics, marketing and communication.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL)	V or D
<b>Diploma of Business BSB50215 [H] [O]</b> Gain advanced technology and administration skills, including recruitment and team management. <b>Career opportunities:</b> Human resources officer, marketing and sales officer, public relations officer.		6 mths FT/1 yr PT	Successful completion of Certificate IV in Business or equivalent, or relevant work experience	V or D
<b>Certificate IV in Business BSB40215 [H] [W] [O]</b> Learn people management skills, and organisational and technology skills. <b>Career opportunities:</b> Human resources officer, marketing and sales officer, public relations officer.		6 mths FT/1 yr PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>BUSINESS ADMINISTRATION</b>				
<b>Bachelor of Business (Professional) with a major in Business Administration [H]</b> <b>Bachelor of Business with a major in Business Administration [H]</b> <b>Bachelor of Business with a major in Business Administration [O]</b> Gain an understanding of organisational management, strategies and principles. Develop practical, theoretical and conceptual skills, and an understanding about how businesses operate. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business administrator, business manager, human resource officer, marketing coordinator, project officer.	80 60 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D D
<b>BUSINESS ANALYSIS</b>				
<b>Bachelor of Information and Communication Technology with a major in Systems Analysis [H]</b> Learn how to redesign business processes and describe the software and web applications that assist in creating more efficient working environments. This degree is professionally accredited by the Australian Computer Society (ACS). <b>Career opportunities:</b> Systems analyst, systems architect, business analyst, requirements analyst, technical business analyst, corporate applications analyst.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business Information Systems with a major in Business Analysis [H]</b> Learn about approaches to analysing and developing creative solutions to the economic, social and environmental changes and challenges facing business. Develop the skills to analyse the requirements of users and learn how to find ways to transform business through technology. <b>Career opportunities:</b> Systems analyst, systems architect, business analyst, requirements analyst, UX analyst, technical business analyst, process consultant.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>BUSINESS INFORMATION SYSTEMS</b>				
<b>Bachelor of Accounting and Information Systems [H]</b> This prestigious degree aims to produce future business leaders. You will complete a four-year degree in just three years, receive an industry-funded scholarship worth approximately \$40,000 and undertake two 20-week work placements with industry partners. Learn how to use accounting systems to record and analyse business activities, employ financial statements to guide investment decisions and use information from cost accounting systems to make decisions, develop operating strategies and evaluate business performance. Discover how people, information, computers, networks and processes come together to create cohesive business solutions. This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. <b>Career opportunities:</b> Public accountant, business consultant, auditor, taxation agent, systems architect, data analyst, business IT manager, business and systems analyst, business analyst, forensic accountant.	RC	3 yrs FT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>BUSINESS INFORMATION SYSTEMS (CONTINUED)</b>				
<b>Bachelor of Information and Communication Technology with a major in Business Systems [H]</b> Build the knowledge and skills to be an information and communication technology professional. The course focuses on computer and network configurations, web and application programming, and database design and maintenance. Choose to specialise in a particular aspect of ICT-related work. This course is ideal for students who are seeking an ICT course with flexible outcomes. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Application integration specialist, data mining specialist, technical writer, multimedia developer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business (Professional) with a major in Information Systems [H]</b> <b>Bachelor of Business with a major in Information Systems [H]</b> 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. <b>Professional placement:</b> The Bachelor of Business (Professional) includes a 12-month work placement. <b>Career opportunities:</b> Business IT manager, business analyst, information architect, manager, IT consultant, systems analyst and tester.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Bachelor of Business Information Systems [H]</b> Become prepared for immediate entry into the management of business information systems in organisations. Learn about business analysis and problem-solving, systems analysis, project management, the provision of information systems services, social networking in organisations, and mobile business and connectivity. Choose a major in business analysis, data analytics or data management. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Systems analyst, systems architect, business IT manager.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Business Information Systems [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Gain technical and analytical skills to meet the growing demand for information systems professionals in the increasingly technology-driven environment of organisations. Professional accreditation: See Bachelor of Business Information Systems and Bachelor of Laws. <b>Career opportunities:</b> Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business Information Systems/Bachelor of Business [H]</b> Combine specialist studies in business information systems (IS) with a business degree. Gain the skills and knowledge to pursue a generalist or specialist career using information systems and information and communication technology to analyse business problems and develop creative and innovative solutions. Professional accreditation: See Bachelor of Business and Bachelor of Business Information Systems. <b>Career opportunities:</b> Business IT manager, business analyst, financial adviser, economist, market researcher, information architect, manager, IT consultant, systems analyst and tester.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Information Technology [H]</b> Spend 40 weeks gaining experience in the ICT industry by working with Swinburne's industry partners and receive a scholarship of approximately \$40,000. Develop technical skills in databases and programming, and explore business analysis and problem-solving, business process management, project management, the management of information systems (IS) in organisations, the provision of IS services, social networking in organisations, and mobile business and connectivity. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Project manager, business analyst, information architect, business requirements analyst.	RC	3 yrs FT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>DATA ANALYTICS</b>				
<b>Bachelor of Business Information Systems with a major in Data Analytics [H]</b> Learn how business intelligence and business analytics are used to solve 'wicked problems' and provide business insight. Discover how business agility can be improved through an understanding of big data. Professional accreditation: See Bachelor of Business Information Systems. <b>Career opportunities:</b> Business analyst, data analyst, business intelligence analyst, information management specialist, business solutions consultant.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business Information Systems/Bachelor of Business with a major in Data Analytics [H]</b> Combine your Business Information Systems degree with a Business degree. Master information systems (IS) concepts and skills, and complete a major in a business discipline such as accounting, economics, finance or marketing. <b>Career opportunities:</b> Business process analyst, business development manager, IT director.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>DATA MANAGEMENT</b>				
<b>Bachelor of Business Information Systems with a major in Data Management [H]</b> Gain hands-on experience in database design, implementation and management. Learn about contemporary issues relating to master data management, cloud storage, social media data and non-relational databases. <b>Career opportunities:</b> Database architect, database designer, database application developer, data services manager, data analyst.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business Information Systems/Bachelor of Business with a major in Data Management [H]</b> Combines your Business Information Systems degree with a Business degree. You will master information systems (IS) concepts and skills, and complete a major in a business discipline such as accounting, economics, finance or marketing. <b>Career opportunities:</b> IT Consultant, database designer, data analyst.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>ECONOMICS</b>				
<b>Bachelor of Business (Professional) with a major in Economics [H]</b> <b>Bachelor of Business with a major in Economics [H]</b> Learn how to critically analyse and evaluate contemporary issues and policies put forward by government and international bodies. Gain a thorough understanding of the economics of financial markets, economic development, and environmental and managerial economics. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business manager, market research analyst, economic consultant, policy analyst, management consultant, risk analyst, economist, sustainability officer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>ENTREPRENEURSHIP AND INNOVATION</b>				
<b>Bachelor of Business (Professional) with a major in Entrepreneurship and Innovation [H]</b> <b>Bachelor of Business with a major in Entrepreneurship and Innovation [H]</b> 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business owner, entrepreneur, venture capital analyst, change manager, product developer, market researcher, product manager.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
ENTREPRENEURSHIP AND INNOVATION (CONTINUED)				
<b>Bachelor of Innovation and Design [H]</b> Build your skills in design thinking and innovation. This course builds on the increasing importance of design in business strategy – from products and communications to physical spaces. Learn how design is an enabler for innovation and a catalyst for social, cultural and economic transformation. Gain insight into the principles and theories of design in a business and innovation management context. Discover the relationship between innovation, design, entrepreneurship and creativity. <b>Career opportunities:</b> Product developer, brand manager, design manager, change specialist.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
EVENT MANAGEMENT				
<b>Diploma of Event Management SIT50316 [H]</b> Develop wide-ranging, highly specialised technical event management skills with a strategic research, planning and communication focus. <b>Career opportunities:</b> Events planner, exhibitions coordinator, venue coordinator.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
FINANCE				
<b>Bachelor of Business (Professional) with a major in Finance [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Finance [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business with a major in Finance [O]</b> 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Investment manager, financial forecaster, business manager, project officer, administrator, risk analyst.	60	3 yrs FT/6 yrs PT		D
FINANCIAL PLANNING				
<b>Bachelor of Business (Professional) with a major in Financial Planning [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Financial Planning [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business with a major in Financial Planning [O]</b> Develop core skills in financial planning and gain an in-depth knowledge of financial management, taxation, ethics, retirement planning, investments and financial risk. This major meets the requirements of the Financial Planning Association of Australia (FPA). <b>Career opportunities:</b> Financial planner, business analyst, investment banker, risk analyst, financial adviser.	60	3 yrs FT/6 yrs PT		D
FINANCIAL SERVICES				
<b>Diploma of Financial Services FNS51815 [O]</b> Develop your understanding of financial market analysis, financial forecasts and projections, budget management and risk assessment. Become equipped to lead teams and coordinate staff in a range of financial service areas. The majority of teaching takes place online, with the first class of each unit delivered on campus. <b>Career opportunities:</b> Customer service manager, office supervisor, accounts clerk, administrator.		12 mths PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	D
HUMAN RESOURCE MANAGEMENT				
<b>Bachelor of Business (Professional) with a major in Human Resource Management [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Human Resource Management [H]</b> 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. This major is professionally accredited by the Australian Human Resources Institute. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> HR adviser, HR consultant, HR manager, organisational change coordinator.	60	3 yrs FT/6 yrs PT		V or D



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Diploma of Human Resources Management BSB50615 [H] [O]</b> Develop the knowledge, skills and professional practice needed to perform in a human resources management role. Learn about workforce planning strategies, HR systems and compliance issues, performance management systems, and organisational culture and change. <b>Career opportunities:</b> HR officer, payroll officer, HR coordinator.		6 mths FT/1 yr PT	Successful completion of Certificate IV in Human Resources or equivalent, or relevant work experience	V or D
<b>Certificate IV in Human Resources BSB41015 [H]</b> Develop skills and knowledge of human resource operations, teamwork, occupational health and safety, and HR research, analysis and reporting. <b>Career opportunities:</b> HR assistant, HR administrator.		6 mths FT/1 yr PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>INTERNATIONAL BUSINESS</b>				
<b>Bachelor of Business (Professional) with a major in International Business [H]</b> <b>Bachelor of Business with a major in International Business [H]</b> Discover the importance of culture, politics, trade and business policies; time zones; economic systems; currencies and business customs; and learn about their effects on an organisation with international interests. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> International business owner, trade specialist, import/export coordinator, international business strategist, multi-national sales manager.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>LEGAL SERVICES</b>				
<b>Diploma of Legal Services BSB52215 [H]</b> Learn about legislation, regulations and codes of practice relevant to areas such as family law, criminal law, property law and corporation law. Become prepared to use a range of specialised, technical and managerial skills to plan and carry out work in a legal context. Students also complete a work placement. <b>Career opportunities:</b> Legal secretary, administrator.		6 mths FT/1 yr PT	Successful completion of Certificate IV in Legal Services or equivalent, or relevant work experience	V or D
<b>Certificate IV in Legal Services BSB42215 [H]</b> Learn about working with contracts and other legal documents to provide support in a range of legal service settings. <b>Career opportunities:</b> Legal secretary, administrator.		6 mths FT/1 yr PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>LIBRARY AND INFORMATION SERVICES</b>				
<b>Diploma of Library and Information Services BSB52115 [H] [O]</b> Develop the necessary research, cataloguing and collection management skills needed to work in libraries, or in agencies, institutions and organisations that handle large volumes of information. This diploma is fully accredited by the Australian Library and Information Association. <b>Career opportunities:</b> Library technician, access services officer, information services officer.		1 yr FT/2 yrs PT	Year 12 completion or equivalent, and relevant study and/or work history.	V or D
<b>LOGISTICS AND SUPPLY CHAIN MANAGEMENT</b>				
<b>Bachelor of Business (Professional) with a major in Logistics and Supply Chain Management [H]</b> <b>Bachelor of Business with a major in Logistics and Supply Chain Management [H]</b> <b>Bachelor of Business with a major in Logistics and Supply Chain Management [O]</b> 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Supply chain manager, export control officer, logistics manager, operations analyst, imports coordinator, business implementation manager, fleet manager, procurement officer, warehouse operations manager.	80 60 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>MANAGEMENT</b>				
<b>Bachelor of Business (Professional) with a major in Management [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Management [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business with a major in Management [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>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.</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Project manager, business manager, change manager, administrator, customer service manager, planning manager.</p>				
<b>MARKETING</b>				
<b>Bachelor of Business (Professional) with a major in Marketing [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Business with a major in Marketing [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Business with a major in Marketing [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>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.</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Marketing specialist, market research manager, advertising consultant, brand manager, product manager.</p>				
<b>Diploma of Marketing and Communication BSB52415 [H]</b>		1 yr FT	Successful completion of prerequisite units from Certificate IV in Marketing	V or D
<p>Develop sound theory, knowledge and practical experience in marketing in order to progress career prospects in marketing and communication management.</p> <p><b>Career opportunities:</b> Marketing consultant, marketing officer, social media officer, public relations coordinator, media coordinator, project coordinator, market researcher.</p>				
<b>PROJECT MANAGEMENT</b>				
<b>Diploma of Project Management BSB51415 [O]</b>		1 yr PT	At least two years' relevant work experience	D
<p>Learn how to lead, plan and execute projects to strict deadlines and budgets with a practical, hands-on approach to learning.</p> <p><b>Career opportunities:</b> Project manager, project coordinator.</p>				
<b>REAL ESTATE</b>				
<b>Agent's Representative Course SS-AGENTS [H] [O] [W]</b>		4 wks PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	D
<p>Learn about the real estate industry and its functions, including listing, selling and managing residential and commercial properties for clients, as well as relevant legislation and documentation.</p> <p><b>Career opportunities:</b> Real estate sales consultant, property manager, real estate auctioneer, real estate buyers' agent, real estate office administrator.</p>				
<b>SPORTS MANAGEMENT</b>				
<b>Bachelor of Business with a major in Sports Management [H]</b>	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business with a major in Sports Management [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>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.</p> <p><b>Career opportunities:</b> Sports administrator, corporate sponsorship director, brand manager.</p>				
<b>Diploma of Sports Development/Diploma of Leadership and Management SIS50612/BSB51918 [H and EV]</b>		1 yr FT	Successful completion of Victorian Year 12 or equivalent, or relevant work experience	D
<p>Become prepared for a career in sports leadership. Delivered in collaboration with Richmond Football Club, students gain skills in high-performance training and nutrition, personal organisation, coaching and leadership, budgeting, project management, people management, safety and compliance.</p> <p><b>Career opportunities:</b> Program developer, talent development manager, sport development manager, leisure and recreational facility co-ordinator, sport and recreation community development officer.</p>				

# Design

Want to design your own future? Gain the skills and knowledge with our diverse range of design courses. You'll learn in our Advanced Manufacturing and Design Centre, a hub for world-class research and education. You'll also benefit from outstanding industry partnerships, exceptional experiences through the Design Factory Melbourne (part of the Global Design Factory network) and opportunities via our new Innovation Precinct.

Go on to a career in advertising, animation, industrial design, website and app design, furniture design and much more.

## PROFESSIONAL RECOGNITION

Our design courses are recognised by leading industry organisations. As a Swinburne student, you'll enjoy the benefits of recognition from and membership with the Australasian Interactive Media Industry Association, Australian Graphic Design Association and/or Design Institute of Australia.

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

TOP  
40

FOR ART  
AND DESIGN

2019 QS World University Rankings by Subject.

ADOBE  
PARTNERS  
BY DESIGN

SWINBURNE IS ONE OF  
JUST THREE AUSTRALIAN  
UNIS TO BE PART OF  
THIS PROGRAM

\$3,000  
MORE A YEAR

WHAT OUR BUSINESS  
GRADS EARN

QILT: Graduate Destinations Survey 2015  
and Graduate Outcomes Survey 2016-2017  
compared to the national average

DESIGN AT A GLANCE			
UNIT TYPES	Core	Major	Elective
<b>Bachelor of Design</b>	8	8	8
<ul style="list-style-type: none"> <li>Branded Environments</li> <li>Communication Design</li> <li>Digital Media Design</li> <li>Photomedia</li> <li>UX Interaction Design</li> </ul>			
<b>Bachelor of Design (Architecture)</b>	20		4
<b>Bachelor of Design (Communication Design) (Honours)</b>	20	8	4
<b>Bachelor of Design (Industrial Design) (Honours)</b>	16	8	8
<b>Bachelor of Design (Interior Architecture) (Honours)</b>	16	8	8
<b>Bachelor of Engineering (Honours)</b>	12	16	4
<ul style="list-style-type: none"> <li>Product Design</li> </ul>			
<b>Bachelor of Innovation and Design</b>	8	8	8
<b>Certificates and diplomas in</b>			
<ul style="list-style-type: none"> <li>Architecture and Building Design</li> <li>Design</li> <li>Graphic Design</li> <li>Interior Design</li> <li>Photography</li> <li>Visual Arts</li> <li>Visual Merchandising</li> </ul>			





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*The opportunity to study in Gothenburg, Sweden, for six months as part of my degree opened my eyes to new perspectives both in my studies and personally. Closer to home, the fact that Swinburne allows us to work with real clients on projects has given me an amazing opportunity to flex what I'm learning and put it into practice. The feedback from relevant industries is that they need graduates trained in what I'm studying and that gives me confidence heading out into the world.*

Bonnie Graham

**STUDYING BACHELOR OF  
INNOVATION AND DESIGN**

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ARCHITECTURE AND BUILDING DESIGN</b>				
<b>Bachelor of Design (Architecture) [H]</b> Gain a deep understanding of 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. <b>Career opportunities:</b> Architecture roles for private and corporate architecture firms, government organisations, development companies or in the building and design sector. Further study required to practise as an architect.	RC	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). Selection will be made using a range of criteria which can include (but not be limited to) a pre-selection kit requiring submission of an online portfolio and overall ATAR results.	V or D
<b>Advanced Diploma of Building Design (Architectural) 22477VIC [C] [H]</b> Learn about building theory and practice to design and develop drawings for residential, industrial and commercial buildings. Develop specialist skills and knowledge in design, problem-solving, construction technology, computer-aided drafting and project administration. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building design practitioner. <b>Career opportunities:</b> Building designer, drafting technician.		2 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer	V or D
<b>BRANDED ENVIRONMENTS</b>				
<b>Bachelor of Design with a major in Branded Environments [H]</b> Learn about the relationship between innovation, design, branding, technology, retail and exhibition design, and spatial design for human interaction. Gain the skills and knowledge needed to become an interior designer for commercial spaces. <b>Career opportunities:</b> Communications designer, communications researcher, exhibition designer, visual merchandiser, interior designer, set designer.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>COMMUNICATION DESIGN</b>				
<b>Bachelor of Design (Communication Design) (Honours) [H]</b> Gain high-end strategic and conceptual thinking skills, informed by research, to help create innovative and refined visual design solutions. Be mentored by experts via industry-focused workshops and build strong networks through an industry placement, work in the Swinburne Design Factory or by participation in industry projects. <b>Professional placement:</b> This degree includes an industry placement. <b>Career opportunities:</b> Communications designer, web designer, UX designer, interaction designer, experience designer, design consultant.	90	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>Bachelor of Design with a major in Communication Design [H]</b> <b>Bachelor of Design with a major in Communication Design [O]</b> Explore the communication imperative in a commercial environment and learn how to respond confidently to design problems. Explore an area of specialisation and produce a portfolio that demonstrates diverse idea generation and production skills. <b>Career opportunities:</b> Communications designer, web designer, UX designer, interaction designer, experience designer, design consultant.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>DESIGN</b>				
<b>Bachelor of Design [H]</b> Created for students wishing to study design, but who have not yet decided on their preferred field. Complete core units in first year that introduce different design fields of study. <b>Career opportunities:</b> Communications designer, exhibition designer, graphic designer, multimedia developer, advertising consultant, design consultant, user experience designer, photographer.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>Bachelor of Design/Bachelor of Business [H]</b> Gain the skills necessary to introduce elements of design into business-related studies and apply sound business principles to design practice to improve commercial outcomes. Choose from five design majors, as well as business majors that include marketing, entrepreneurship and innovation, management, international business and accounting. Professional accreditation: See Bachelor of Business (page 43). <b>Career opportunities:</b> Business consultant, communications designer, graphic designer, multimedia developer, advertising consultant, design consultant, customer experience designer.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>DESIGN (CONTINUED)</b>				
<b>Bachelor of Design/Bachelor of Media and Communication [H]</b> Gain the skills necessary to introduce elements of design into media- and communication-related studies and apply sound design principles to improve communication outcomes. Acquire knowledge 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. Choose from five design majors, as well as media and communication majors that include digital advertising technology, public relations, journalism, games and interactivity and media industries. Professional accreditation: See Bachelor of Media and Communication (page 97). <b>Career opportunities:</b> Communications designer, exhibition designer, graphic designer, multimedia developer, advertising consultant, marketing and sales professional, public relations officer, media planner, brand strategist, user experience designer.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Interactive Digital Media C, Media, Product Design and Technology, Studio Arts or Visual Communication Design.	V or D
<b>Diploma of Design (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in digital, interactive and 3D design.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts, or Visual Communication Design	V or D
<b>Certificate IV in Design CUA40715 [H]</b> Develop and enhance skills in graphic design, interior design, product design and related design studies. Explore the historical and contextual basis for design. <b>Career opportunities:</b> Graphic artist, graphic designer.		1 yr FT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D
<b>DIGITAL MEDIA DESIGN</b>				
<b>Bachelor of Design with a major in Digital Media Design [H]</b> Learn how to develop and deliver a range of digital media applications, including projects for web, digital film and television production, interactive digital media and handheld mobile devices. Gain skills in animation, 3D modelling, digital video, audio media and communication design for electronic media. <b>Career opportunities:</b> Web and interactive design, UX designer, app designer, mobile designer, visual effects designer, design consultant.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D
<b>GRAPHIC DESIGN</b>				
<b>Advanced Diploma of Graphic Design CUA60315 [H]</b> Gain an understanding of the specialised technical, creative and conceptual skills and knowledge needed to conceive, negotiate and realise design concepts for complex projects. Learn skills in both print and digital media, including advertising and promotion, art direction, branding, corporate identity, instructional design, typography, packaging, signage and web design. <b>Career opportunities:</b> Graphic designer.		6 mths FT	Successful completion of Diploma of Graphic Design	D
<b>Diploma of Graphic Design CUA50715 [H]</b> Learn how to combine technical, creative and conceptual skills to meet design briefs and solve a range of visual communication problems. Assemble camera-ready and digital artwork for graphic reproduction and web-based output. <b>Career opportunities:</b> Graphic designer.		1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or successful completion of Certificate IV in Design or equivalent, or relevant work experience. Applicants must present a folio of work.	V or D
<b>INDUSTRIAL DESIGN</b>				
<b>Bachelor of Design (Industrial Design) (Honours) [H]</b> Learn how to develop products that meet human needs and expectations, ranging 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. <b>Career opportunities:</b> Industrial designer, product designer, usability designer, model maker, computer-aided designer, design consultant.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts, Systems Engineering, or Visual Communication Design	V or D



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>INNOVATION AND DESIGN</b>				
<b>Bachelor of Innovation and Design [H]</b> Learn about the relationship between innovation, design, entrepreneurship and creativity. Gain an understanding of the principles and theories of design in a business and innovation management context. <b>Career opportunities:</b> Product development manager, product designer, business development manager, innovation manager, design consultant.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Innovation and Design [H]</b> Combine technical expertise in an engineering field of your choice with the skills to implement innovation and design thinking. Complete core units in your first year before selecting a major in engineering. Gain an understanding of design principles and theories within a business and innovation management context. Learn about the relationship between innovation, design, entrepreneurship and creativity. Apply your learning in a professionally focused, multidisciplinary project during your final year of study. Undertake at least 12 weeks of relevant professional experience in engineering. Professional accreditation: See Bachelor of Engineering (Honours) (page 65). <b>Career opportunities:</b> Electronics designer, manufacturing specialist, civil infrastructure consultant, product development manager, design consultant, business development manager, innovation manager.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Innovation and Design [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Learn about the relationship between innovation, design, entrepreneurship and creativity. Professional accreditation: See Bachelor of Laws (page 94). <b>Career opportunities:</b> Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager, consultant, product development manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>INTERIOR ARCHITECTURE AND DESIGN</b>				
<b>Bachelor of Design (Interior Architecture) (Honours) [H]</b> Learn about the environments in which we spend our lives and how they are formed and fabricated. Learn to capitalise on new technologies and materials in the construction of indoor and outdoor 3D spaces. <b>Career opportunities:</b> Interior designer, product designer, property designer, retail designer, product designer, design consultant, business strategist.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts, Systems Engineering, or Visual Communication Design	V or D
<b>INTERIOR DESIGN</b>				
<b>Advanced Diploma of Interior Design MSF60113 [H]</b> Build on existing design knowledge and bring complex commercial projects to life using modern 3D visualisation techniques. Develop accelerated knowledge of construction, and the skills to thrive when faced with spatial design problems of all shapes and sizes. <b>Career opportunities:</b> Interior designer.		6 mths FT	Successful completion of the Diploma of Interior Design and Decoration.	D
<b>Diploma of Interior Design and Decoration MSF50213 [H]</b> Learn how to design interior spaces in retail, domestic and exhibition spaces. Gain the skills to plan and create furniture, fittings, surface and colour schemes for a range of architectural contexts. <b>Career opportunities:</b> Interior designer.		1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>PHOTOGRAPHY</b>				
<b>Bachelor of Design with a major in Photomedia [H]</b> Learn photography skills that go far beyond the darkroom and collaborate with art directors, content developers and designers to create sophisticated campaigns, publications and digital products. Discover a range of conceptual and technical practices in photography and learn how to apply them to advertising, communication design, digital publishing, exhibition design, motion graphics and video. <b>Career opportunities:</b> Photographer, video and motion graphics specialist, advertising consultant, design consultant.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>PHOTOGRAPHY (CONTINUED)</b>				
<b>Diploma of Photography and Photo Imaging CUA50915 [H]</b> Learn about the commercial, artistic and technical aspects of photography. Complete basic studies in business and gain the skills to start a photography business. <b>Career opportunities:</b> Photographer.		1 yr FT	An extensive working knowledge of digital SLR cameras. Applicants who have completed Certificate IV in Photo Imaging or a similar visual arts qualification, or who have extensive vocational experience in photo imaging may be given preference.	V or D
<b>Certificate IV in Photography and Photo Imaging CUA41115 [H]</b> Develop technical skills in digital photography, including lighting, image capture, enhancements, manipulation and output. Gain theoretical and historical knowledge of photography. Learn how to respond to a brief. <b>Career opportunities:</b> Photographer.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D
<b>PRODUCT DESIGN ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Product Design [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods, or Specialist Mathematics	V or D
<b>Bachelor of Engineering (Honours) with a major in Product Design [H]</b> 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. Develop skills needed to design and develop competitive products for Australian and international markets. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Industrial designer, industrial engineer, product designer, product design engineer, entrepreneur, design consultant.	75	4 yrs FT/8 yrs PT		
<b>UX INTERACTION DESIGN</b>				
<b>Bachelor of Design with a major in UX Interaction Design [H]</b> Learn about interaction design and information architecture. Examine human behaviour as it relates to UX design, diving deep into what motivates and drives people. Shape a user's online journey to best serve their own interests as well as meet business goals. <b>Career opportunities:</b> User experience designer, customer experience designer.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Interactive Digital Media C, Media, Product Design and Technology, Studio Arts or Visual Communication Design.	V or D
<b>VISUAL ARTS</b>				
<b>Advanced Diploma of Visual Arts CUA60715 [W]</b> Gain the professional, technical and conceptual skills needed to bring your creative visions to life – in digital art, drawing and illustration, painting, photo media, printmaking, public art or even sculpture. <b>Career opportunities:</b> Visual artist.		1 yr FT	Successful completion of the Diploma of Visual Arts.	V or D
<b>Diploma of Visual Arts CUA51115 [W]</b> Study a progressive, contemporary fine arts course run by artists. Explore painting, sculpture, drawing, photography, printmaking, video and digital imaging. Gain a sound understanding of art theory and history, including conceptual and stylistic strategies of art practices since the 1960s. Learn how to critically analyse and synthesise information from a range of sources. <b>Career opportunities:</b> Visual artist.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>VISUAL MERCHANDISING</b>				
<b>Diploma of Visual Merchandising SIR50217 [W]</b> Learn about the visual merchandising industry, including the principles and elements of display, the development and design of language for product presentation, the design and construction of props, styling and working to an industry brief. <b>Career opportunities:</b> Retailer, visual merchandiser.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Education

Being involved with educating others is a bit like having a super power – education opens doors, inspires change and shapes lives. Be a superhero, minus the cape.

In our education courses, you'll learn the hands-on skills you need to succeed as an early childhood educator or a primary or secondary school teacher. You can explore classroom teaching, discover innovative approaches to learning, as well as undertake multiple practical placements, all underpinned by a problem-based learning approach.

EDUCATION AT A GLANCE				
UNIT TYPES	<div><div></div>Core</div>	<div><div></div>Major</div>	<div><div></div>Elective</div>	<div><div></div>Prof. Experience</div>
<b>Bachelor of Education (Early Childhood and Primary)</b>	26	1	5	
<b>Bachelor of Education (Primary)</b>	24	4	4	
<b>Bachelor of Education (Secondary)</b>	13	8	8	3
<b>Bachelor of Education</b>	20	4		
<b>Certificates and diplomas in</b>				
<ul style="list-style-type: none"><li>Early Childhood Education and Care</li><li>Primary Teaching</li><li>Educational Studies</li></ul>				

## PROFESSIONAL RECOGNITION

Our teaching degrees are professionally accredited by the Victorian Institute of Teaching (VIT). VIT recognition enables graduates to register as teachers Australia-wide.

<div>☆☆☆☆☆</div> <div>FOR OVERALL EXPERIENCE</div>	<div>THE HIGHEST IN VICTORIA</div> <div>Good Universities Guide 2019: QILT student experience survey 2016 and 2017</div>
<div>☆☆☆☆☆</div> <div>FOR STUDENT SUPPORT</div>	<div>THE HIGHEST IN AUSTRALIA</div> <div>Good Universities Guide 2019 and QILT Student Experience Survey 2016 and 2017</div>
<div>REAL CLASSROOM EXPERIENCE</div>	<div>All our teaching degrees have a minimum of 3 placements to prepare and support you for your teaching career.</div>







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*The flipped-learning approach suits my learning style and completing placements has helped me understand the fundamentals of teaching and learning – even before I've graduated. Along with my studies, I'm also involved in extracurricular activities at uni, including Japanese Club. It's been a very fulfilling academic journey.*

Lucas Brown

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**STUDYING BACHELOR OF EDUCATION  
(SECONDARY)/BACHELOR OF ARTS**

# Education

# **MINIMUM ATAR:** This ATAR must be achieved to be considered for this course. Adjustment factors such as SEAS apply.

\* **GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	MINIMUM ATAR#	DURATION	PREREQUISITES	APPLY
<b>EARLY CHILDHOOD EDUCATION AND CARE</b>				
<b>Diploma of Early Childhood Education and Care CHC50113 [H] [W]</b> Designed for those who are interested in working in the early childhood sector or who are already working in the field and are responsible for planning, implementing and managing programs in early childhood services. In most states this is the highest qualification required at director or service manager level for children's service centre-based care. All students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Early childhood educator.		1.5 yrs FT/3 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants must be able to perform physical activities.	V or D
<b>Certificate III in Early Childhood Education and Care CHC30113 [H] [W]</b> Gain the skills and expertise needed for a career with children aged six years and under. The course is the minimum entry qualification for those seeking work in child care. All students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Early childhood educator.		18 wks FT 36 wks PT	Applicants must be able to perform physical activities	D
<b>EARLY CHILDHOOD AND PRIMARY TEACHING</b>				
<b>Bachelor of Education (Early Childhood and Primary) [H]</b> <b>Bachelor of Education (Early Childhood and Primary) [O]</b> Gain the skills needed to teach children from birth to twelve years in childcare centres, kindergartens and primary schools. You'll study the contexts of education, cultural-historical perspectives and child development, as well as units focusing on specific subject disciplines. You'll complete 91 days of placement throughout the course to put into practice the leadership and management skills you'll learn in your studies and gain practical experience in the classroom. All students are required to have a valid police check and working with children check. This degree is professionally accredited by the Australian Children's Education and Care Quality Authority, and Victorian Institute of Teaching. <b>Career opportunities:</b> Childcare director, childcare worker, primary school teacher.	70 70	4 yrs FT/8 yrs PT 4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). All applicants must also sit the CASPer test as required by the Australian Government.	V or D D
<b>PRIMARY TEACHING</b>				
<b>Bachelor of Education (Primary) [H]</b> <b>Bachelor of Education (Primary) [O]</b> Become equipped to be a primary school teacher who uses the latest technology and teaching techniques. Develop the skills to design engaging and effective learning experiences through group work and school-based practical placements. All students are required to have a valid police check and working with children check. This degree is professionally accredited by the Victorian Institute of Teaching. <b>Career opportunities:</b> Primary school teacher.	70 70	4 yrs FT/8 yrs PT 4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). All applicants must also sit the CASPer test as required by the Australian Government.	V or D D
<b>Certificate IV in Education Support CHC40213 [H] [W]</b> Qualify to work as a teacher assistant supporting the delivery of educational programs. You may work in a primary or secondary school, in a special education setting, or in a community education environment. All students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Education support worker, teacher assistant.		1 yr FT	Satisfactory completion of Units 3 and 4: English or English (EAL); Units 1 and 2: any Mathematics	V or D
<b>EDUCATIONAL STUDIES</b>				
<b>Bachelor of Education [H]</b> Gain a broad understanding of early childhood and primary school teaching and learning in an Australian context. Develop knowledge and understanding of education as an academic discipline. This is not an accredited initial teacher education program. It is not accredited by the Victorian Institute of Teaching (VIT) and does not include professional placements in schools. <b>Career opportunities:</b> 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, educational agencies, and not-for-profit groups.	65*	3 yrs FT	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Education

COURSE	MINIMUM ATAR#	DURATION	PREREQUISITES	APPLY
<b>EDUCATIONAL STUDIES (CONTINUED)</b>				
<b>Diploma of Teacher Education Preparation 22451VIC [H]</b> Gain the skills and knowledge needed to progress to a bachelor degree in education and to help prepare you for work in an educational setting. Students are required to have a valid police check and working with children check.		1 yr FT/2yrs PT	Satisfactory completion of Units 3 and 4: English or English (EAL); Units 1 and 2: any Mathematics	V or D
<b>SECONDARY TEACHING</b>				
<b>Bachelor of Education (Secondary) [H]</b> Engage in innovative approaches to teaching and learning in a secondary school, as well as the ability to reflect on the social, ethical and professional expectations that the rise of technology brings to the classroom and the nature of learning. The degree combines general education studies, teaching methods and professional experience. All students are required to have a valid police check and working with children check. This degree is professionally accredited by the Victorian Institute of Teaching. <b>Career opportunities:</b> Secondary school teacher.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Education (Secondary)/Bachelor of Arts [H]</b> Gain a teaching qualification with the opportunity to pursue interests in the humanities. Engage in innovative approaches to teaching and learning in a secondary school, as well as the ability to reflect on the social, ethical and professional expectations that the rise of technology brings to the classroom and the nature of learning. All students are required to have a valid police check and working with children check. Professional accreditation: See Bachelor of Arts (page 26) and Bachelor of Education (Secondary). <b>Career opportunities:</b> Secondary school teacher.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Education (Secondary)/Bachelor of Science [H]</b> Gain a teaching qualification with the ability to teach science disciplines. Engage in innovative approaches to teaching and learning in a secondary school, as well as the ability to reflect on the social, ethical and professional expectations that the rise of technology brings to the classroom and the nature of learning. All students are required to have a valid police check and working with children check. Professional accreditation: See Bachelor of Education (Secondary). <b>Career opportunities:</b> Secondary school teacher.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D

# **MINIMUM ATAR:** This ATAR must be achieved to be considered for this course. Adjustment factors such as SEAS apply.

\* **GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Engineering

Engineers have the potential to change the way we live. (And with great power, comes great responsibility.) From civil and mechanical, to biomedical, electrical, and software engineering, our courses will provide you with the comprehensive theory and practical skills you'll need to thrive in your engineering career.

Our revolutionary new Bachelor of Engineering Practice (Honours) was co-created with industry partners to immerse you in the style of a professional workplace from day one of your degree – we're the only university in Australia that offers this.

With an engineering degree, you could go on to a career in the medical, building or construction, telecommunications, software, transport, industrial design, energy, or civil infrastructure industries.

## PROFESSIONAL RECOGNITION

Our engineering courses are recognised by leading industry organisations. Graduates may be eligible for membership of a number of organisations relevant to their major area of study, including the Australasian College of Physical Scientists and Engineers in Medicine, Design Institute of Australia and Engineers Australia.

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

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

## ENGINEERING AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective ■ Accred. Placement

### Bachelor of Engineering (Honours)

12 16 4 ■

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

### Bachelor of Engineering Practice (Honours)

16

### Certificates and diplomas in

- Civil Engineering
- Computer Systems Technology
- Construction
- Electric and Electronic
- Robotics and Mechatronics

TOP 150  
WORLDWIDE

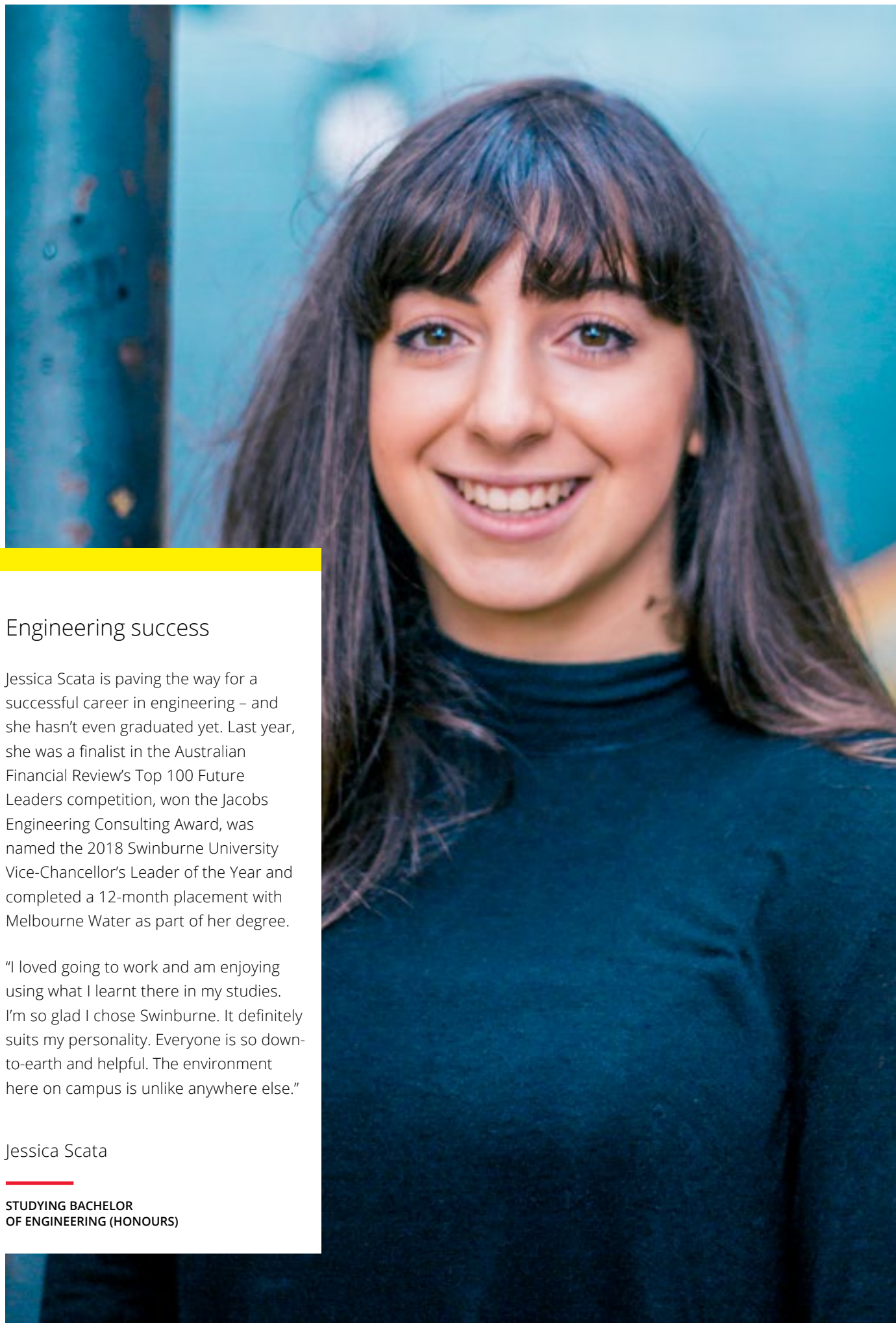
FOR CIVIL ENGINEERING

2018 Academic Ranking of World Universities.

TRY BEFORE  
YOU CHOOSE

Our Bachelor of Engineering (Honours) has a common first year. See which of the ten majors you prefer, then specialise from second year.





## Engineering success

Jessica Scata is paving the way for a successful career in engineering – and she hasn't even graduated yet. Last year, she was a finalist in the Australian Financial Review's Top 100 Future Leaders competition, won the Jacobs Engineering Consulting Award, was named the 2018 Swinburne University Vice-Chancellor's Leader of the Year and completed a 12-month placement with Melbourne Water as part of her degree.

"I loved going to work and am enjoying using what I learnt there in my studies. I'm so glad I chose Swinburne. It definitely suits my personality. Everyone is so down-to-earth and helpful. The environment here on campus is unlike anywhere else."

Jessica Scata

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**STUDYING BACHELOR  
OF ENGINEERING (HONOURS)**

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ARCHITECTURAL ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Architectural [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Architectural [H]</b> 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. Undertake at least 12 weeks of professional experience. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Design engineer, structural systems engineer, architectural engineer, project engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>BIOMEDICAL ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Biomedical [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Biomedical [H]</b> 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 healthcare and quality of life. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Biomedical engineer, clinical engineer, medical device designer, medical electronics engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>CIVIL ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Civil [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Civil [H]</b> 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. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Civil engineer, civil design engineer, structural engineer, environmental engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>Advanced Diploma of Engineering Technology 22479VIC specialising in Civil Engineering Design [H]</b> Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects. <b>Career opportunities:</b> Draftsperson, technical officer, construction supervisor.		2yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.	V or D
<b>COMPUTER SYSTEMS TECHNOLOGY</b>				
<b>Advanced Diploma of Computer Systems Technology ICT60515 [H]</b> Gain the skills and knowledge needed to coordinate and administer the commissioning, installation and maintenance of a range of networks, enterprise servers and systems. <b>Career opportunities:</b> IT support professional, network administrator, network security practitioner.		1 yr FT/2 yrs PT	Successful completion of Certificate IV in Computer Systems Technology or demonstrated experience in senior network support roles	V or D
<b>Certificate IV in Computer Systems Technology ICT41015 [H]</b> Gain the knowledge and skills required to install and administer simple networks, servers, client desktop deployments, networking and robotics-related programming development. <b>Career opportunities:</b> Network support administrator, network operations support, network operations technician, network technician, network support technician, assistant programmer, assistant web developer.		1 yr FT/2 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>CONSTRUCTION</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Construction [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Construction [H]</b> Learn comprehensive theory and gain practical experience in construction engineering, project management and risk management to deliver large infrastructure projects such as buildings, bridges, road and rail systems, water supply systems, waste treatment systems, airports and seaports. Undertake at least 12 weeks of professional experience. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Construction engineer, construction manager.	75	4 yrs FT/8 yrs PT		V or D
<b>Advanced Diploma of Building Design (Architectural) 22477VIC [C] [H]</b> Learn about building theory and practice to design and develop drawings for residential, industrial and commercial buildings. Develop specialist skills and knowledge in design, problem-solving, construction technology, computer-aided drafting and project administration. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building practitioner. <b>Career opportunities:</b> Building designer and planner, drafting technician.		2 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer	V or D
<b>Diploma of Building and Construction (Building) CPC50210 [H]</b> Learn about building theory and practice related to managing and supervising the construction of residential, industrial and commercial buildings. Develop skills and knowledge in reading plans, estimating, scheduling, construction technology, site supervision, surveying, contracts and business management. This course is a prescribed qualification under the Building Act for builder's registration. <b>Career opportunities:</b> Construction supervisor, building works supervisor, estimator, contract administration or builder.		1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building supervisor	V or D
<b>Certificate IV in Building and Construction (Building) CPC40110 [C]</b> Learn the theory and practice needed to construct residential building projects. Gain skills and knowledge to read plans, work safely, estimate, schedule, prepare a tender and supervise construction works. <b>Career opportunities:</b> Construction officer.		5 mths PT	Relevant construction industry experience, or undertaking an apprenticeship in the building industry	D
<b>ELECTRICAL AND ELECTRONIC</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Electrical and Electronic [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Electrical and Electronic [H]</b> 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. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Electrical engineer, electronics engineer, communications engineer, power engineer, design engineer.	75	4 yrs FT/8 yrs PT		V or D
<b>Advanced Diploma of Electronics and Communications Engineering UEE60211 [H]</b> Learn about digital technology, communications, analogue electronics, gate array technologies and the application of microprocessor-controlled circuitry, automation and industrial networking. Build your ability to design, commission, test, evaluate and diagnose faults in advanced electronic systems and associated apparatus. <b>Career opportunities:</b> Technical officer, systems technician, electronics technician, technical supervisor, communication technician, service technician.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Advanced Diploma of Engineering Technology – Electrical UEE62111 [H]</b> Build the skills needed to evaluate, design, update and implement industrial automation systems to a technical and pre-degree level. Gain a working knowledge of hydraulics, pneumatics, programming, robotics, industrial networking and electrical engineering. <b>Career opportunities:</b> Technical officer, systems technician, electrical technician, service technician.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Certificate III in Electronics and Communications UEE30911 [H]</b> Gain a background in electronics, with an emphasis on digital technology, gate array technologies and the application of microcontrollers, communications and analogue electronics. <b>Career opportunities:</b> Technical officer, systems technician, electrical technician, service technician.		4 yrs PT	Satisfactory completion of Victorian Year 11 or equivalent	D
<b>ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) [H]</b> <b>Bachelor of Engineering (Honours) [H]</b> Complete core units in first year that introduce different engineering fields of study. Choose from majors: architectural, biomedical, civil, construction, electrical and electronic, mechanical, product design, robotics and mechatronics, software and telecommunications. Undertake at least 12 weeks of professional experience. The majors in biomedical, civil, electrical and electronic, product design, mechanical, robotics and mechatronics, software and telecommunications are professionally accredited by Engineers Australia. <b>Professional degree :</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Networking engineer, electronics designer, manufacturing specialist, communications engineer, civil infrastructure engineer, construction engineer.	85 75	5 yrs FT/10 yrs PT 4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V V or D
<b>Bachelor of Engineering Practice (Honours) [H]</b> Discover a revolutionary project-based curriculum, co-created and co-delivered by industry professionals. Gain practical, professional experience and a work-ready skill set. Undertake real-world projects in collaborative teams that mimic professional environments in a departure from traditional lecture and tutorial style learning. Graduates will have the technical skills and knowledge expected of professional engineers. <b>Career opportunities:</b> Graduates will have the technical skills and knowledge expected of professional engineers. The type of careers this qualification leads to may include consultant engineer, project engineer, entrepreneur, in the areas of civil, construction, electrical and electronic, electronics and communications, mechanical, product design, robotics and mechatronics, software, and telecommunications engineering.	RC	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematics (any)	V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Business [H]</b> Develop your ability to lead innovation and change by combining engineering expertise with sought-after business skills. Complete core units in your first year to assist in selecting from a wide range of majors. You will also undertake at least 12 weeks of professional engineering experience. Professional accreditation: See Bachelor of Business (page 43) and Bachelor of Engineering (Honours). <b>Career opportunities:</b> Networking engineer, electronics designer, manufacturing specialist, civil infrastructure engineer, construction engineer, project manager, engineering consultant, entrepreneur, business owner, business manager, process improvement manager, product manager, product design engineer, marketing specialist, business analyst, business development manager.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Computer Science [H]</b> Combine technical expertise in an engineering field of your choice with skills in software development or online security. Complete core units in your first year to assist in selecting from a wide range of majors. Undertake at least 12 weeks of professional experience in engineering. Professional accreditation: See Bachelor of Computer Science (page 87) and Bachelor of Engineering (Honours). <b>Career opportunities:</b> Software developer, design engineer, cybersecurity consultant, systems analyst, network administrator, project manager.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Innovation and Design [H]</b> Combine technical expertise in an engineering field of your choice with the skills to implement innovation and design thinking. Complete core units in your first year to assist in selecting a major in engineering. Gain an understanding of the principles and theories of design in a business and innovation management context. Learn about the relationship between innovation, design, entrepreneurship and creativity. Apply your learning in a professionally focused, multidisciplinary project during your final year of study. Undertake at least 12 weeks of relevant professional experience in engineering. Professional accreditation: See Bachelor of Engineering (Honours). <b>Career opportunities:</b> Electronics designer, manufacturing specialist, civil infrastructure consultant, product development manager, design consultant, business development manager, innovation manager.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D



# Engineering

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ENGINEERING (CONTINUED)</b>				
<b>Bachelor of Engineering (Honours)/Bachelor of Science [H]</b> Build your understanding of scientific principles and use this knowledge to design engineering solutions that help society. Undertake at least 12 weeks of relevant professional experience. Professional accreditation: See Bachelor of Engineering (Honours). <b>Career opportunities:</b> Communications engineer, civil infrastructure engineer, biologist, industrial chemist, food technologist, environmental scientist.	75+	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Engineering (Honours) [H]</b> Combine a law degree focusing on commercial and intellectual property law with technical engineering skills in a engineering discipline of your choice. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Obtain theoretical and practical engineering knowledge by participating in workshops and industry projects. Undertake at least 12 weeks of professional experience in law and engineering. Professional accreditation: See Bachelor of Engineering (Honours) and Bachelor of Laws (page 96). <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, corporate counsellor, manager, compliance and regulation manager, project manager, entrepreneur, intellectual property lawyer, commercial lawyer, start-up legal adviser, construction engineer, software engineer, civil engineer, biomedical engineer, industrial engineer, robotics and mechatronics engineer.	90+	6.5 yrs FT/13 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Associate Degree of Applied Technologies [H]</b> Develop technical engineering and information technology skills. Learn about the Internet of Things, cloud computing, advanced algorithms, advanced manufacturing practices, automation and robotics, and smart sensor and cyber physical systems. Undertake paid employment at a global engineering company. <b>Career opportunities:</b> Service technician, engineering technician, site installation technician.	RC	2 yrs FT/4 yrs PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Associate Degree of Engineering [H]</b> 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. <b>Career opportunities:</b> Para-professional engineer, engineering officer, associate engineer.	50+	2 yrs FT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Diploma of Engineering (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. Complete units in electronic systems, energy and motion, calculus and applications, materials and processes, mechanics of structures, digital and data systems, engineering, design and innovation.	50+	8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>MECHANICAL</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Mechanical [H]</b> <b>Bachelor of Engineering (Honours) with a major in Mechanical [H]</b> Learn the core concepts of mechanics, kinematics, thermodynamics, fluid mechanics and energy. Go beyond the classroom and participate in industry projects and practical workshops. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Mechanical engineer, mechanical project engineer, design engineer, project and technology manager, engineering project manager.	85 75	5 yrs FT/10 yrs PT 4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V V or D
<b>Advanced Diploma of Engineering Technology 22479VIC specialising in Mechanical Engineering Design [H]</b> Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects. <b>Career opportunities:</b> Mechanical officer, maintenance technician, draftsman.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Certificate IV in Engineering MEM40105 with streams in CNC Machining, Maintenance Fluid Power and Welding [W]</b> Develop skills to advance to positions of responsibility in manufacturing industries. Select one specialisation from the three available: CNC Machining, Maintenance Fluid Power and Welding. <b>Career opportunities:</b> Advanced mechanical maintenance technician, advanced toolmaker, fluid power systems technician.		2 yrs FT/4 yrs PT	Successful completion of Year 12 or Certificate III qualification and/or relevant work history (at least 6 months work experience). Some additional criteria may also apply.	D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>PRODUCT DESIGN ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Product Design [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Product Design [H]</b> 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. Develop skills needed to design and develop competitive products for Australian and international markets. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Industrial designer, industrial engineer, product designer, product design engineer, entrepreneur, design consultant.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>ROBOTICS AND MECHATRONICS</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Robotics and Mechatronics [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Robotics and Mechatronics [H]</b> 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. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Robotics and mechatronics engineer, control systems engineer, factory automation adviser, robotics developer.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Advanced Diploma of Engineering Technology 22479VIC specialising in Mechatronic Engineering Design [H]</b> Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects. <b>Career opportunities:</b> Technical officer, systems technician, draftsman.		2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12/or equivalent, or relevant work experience	V or D
<b>SOFTWARE ENGINEERING</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Software [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Software [H]</b> 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. Undertake at least 12 weeks of professional experience. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software engineer, software systems developer, software modeller, project and technology manager.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>TELECOMMUNICATIONS</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Telecommunications [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Telecommunications [H]</b> Gain an in-depth understanding of the technology of the internet and the international telecommunications industry. Learn about mobile communication systems. Develop skills in radio frequency telecommunications with specialisation in wireless secure communications, digital and analogue electronics, software programming and mathematics. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Network engineer, telecommunication network designer, telecommunication network developer, network architect, telecommunications engineer.	75	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D

# Film and Television

We understand the big picture – and the small screen. Our leading film school's range of film and TV courses combine foundational knowledge with practical skills that will ensure you're well equipped for your career ahead. From working behind the scenes to screenwriting or producing special effects, our students have gone on to showcase work and win awards in local and international film festivals.

Whatever future you can picture, it all begins here. Maybe make space on your mantelpiece for that Oscar now?

FILM AND TELEVISION AT A GLANCE			
UNIT TYPES	Core	Major	Elective
<b>Bachelor of Animation</b>	8	8	8
<b>Bachelor of Film and Television (Honours)</b>	8	16	8
<b>Bachelor of Screen Production</b>	4	8	12
<b>Certificates and diplomas in</b>			
<ul style="list-style-type: none"> <li>• Animation</li> <li>• Film and Screen Production</li> <li>• Screen and Media</li> <li>• Sports Media</li> </ul>			

## PROFESSIONAL RECOGNITION

Our film and television courses are recognised by leading industry organisations. Graduates may be eligible for membership of a number of organisations relevant to their major area of study, including the Australian Cinematographers Society, Australian Graphic Designers Association, Australian Screen Editors Guild, Design Institute of Australia, Games Developers' Association of Australia, Melbourne Art Directors Club, Screen Producers Association of Australia and Screen Services Association of Victoria.

### WORLD'S BEST

'The finest film/video production school in the world' according to Hunter Todd, Founding Director of WorldFest-Houston International Film Fest.

### BERLIN PREMIERE

Graduate Takumi Kawakami's short film *Paper Crane* premiered at the 2018 Berlin International Film Festival.

### BEST DOCO

Graduate Simon Direen's *A Life Together* awarded Best Documentary at the 2018 St Kilda Film Festival.



## Getting Oscar attention

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

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**STUDIED FILM AND TELEVISION (ANDREW AND BRADLEY),  
DESIGN (RENNIE), AND MULTIMEDIA AND MEDIA STUDIES (DAVE).**



# Film and Television

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ANIMATION</b>				
<b>Bachelor of Animation [H]</b> The Bachelor of Animation is designed to provide students with 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. <b>Career opportunities:</b> 2D and 3D animators, stop motion animator, director, producer, screenwriter, editor.	65	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Games and Interactivity/Bachelor of Animation [H]</b> Gain a competitive edge in the fields of animation and games development. Develop a broad understanding of animation through the practice of animation techniques. Learn about film, television and animation history and theory; as well as the role of games in contemporary society and how games are developing as a cultural industry. Become equipped with the skills needed to work in the rapidly evolving animation and games industries as well as the broader digital media sector. <b>Career opportunities:</b> Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.	65	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	V or D
<b>Advanced Diploma of Screen and Media CUA60615 specialising in Animation [H]</b> Gain a range of skills in creative and technical applications of motion graphics and animation. Learn about screen and media processes. Learn pre-visualisation and story boarding techniques, and production processes for animation, including 2D and 3D animation and special effects. <b>Career opportunities:</b> Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.		1 yr FT	Successful completion of Diploma in Screen and Media (specialising in Animation) or equivalent, or relevant experience	V or D
<b>Diploma of Screen and Media CUA51015 specialising in Animation [H]</b> Engage in a dynamic, creative and technical approach to the production of animation content for the screen and media industries. Learn pre-visualisation and story boarding techniques, and production processes for animation, including 2D and 3D animation and special effects. <b>Career opportunities:</b> Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent or relevant work experience	V or D
<b>FILM AND SCREEN PRODUCTION</b>				
<b>Bachelor of Film and Television (Honours) [H]</b> 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. <b>Career opportunities:</b> Screenwriter, director, cinematographer, editor, producer, post production manager.	85 <sup>#</sup>	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Screen Production [H]</b> 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. <b>Career opportunities:</b> Digital media producer, digital sound production, social media specialist, digital project manager, digital media consultant.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Advanced Diploma of Screen and Media CUA60615 specialising in Film and Television [H]</b> Gain an in-depth knowledge of the filmmaking production process and its related technical aspects of camera operation, sound recording, non-linear editing, script development and interpretation, and project management. <b>Career opportunities:</b> Producer, director, cinematographer, screenwriter, editor, visual effects artist, production manager.		1 yr FT	Successful completion of Diploma in Screen and Media (specialising in Film and Television) or equivalent, or relevant experience	V or D
<b>Diploma of Screen and Media CUA51015 specialising in Film and Television [H]</b> Gain comprehensive technical and theoretical knowledge of the filmmaking process. Engage in a range of specialised technical and managerial competencies to plan and produce high-end content for the screen and media industries. <b>Career opportunities:</b> Producer, production manager, screenwriter, camera assistant, director of photography, lighting assistant, editor, visual effects artist.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent or relevant work experience. Applicants must present a folio of work.	V or D

# **MINIMUM ATAR:** This ATAR must be achieved to be considered for this course. Adjustment factors such as SEAS apply.

\* **GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>SCREEN AND MEDIA</b>				
<b>Certificate IV in Screen and Media CUA41215 [H]</b> Gain foundation skills and knowledge to pursue employment and/or further training in animation, visual effects, digital art, radio production and presentation, and film and television production. <b>Career opportunities:</b> Technical assistant, production assistant, assistant director, camera operator, audio and visual editor.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent or relevant work experience	V or D
<b>SPORTS MEDIA</b>				
<b>Diploma of Screen and Media CUA51015 specialising in Sports Media [H]</b> Develop the skills and knowledge to produce sports content for the screen and media industries. Gain skills in sports journalism, writing, commentary, media management, social media, photography, and audio and video production. Benefit from Swinburne's partnership with Richmond Football Club and get access to facilities at Swinburne Centre, Punt Road. You'll have the opportunity to become immersed in the club and produce digital content for their website during your studies. <b>Career opportunities:</b> Sports journalist, sports commentator, sports writer, sports researcher/programmer, sports public relations writer or a multimedia/digital content producer within sports marketing and media.		18 mths FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants will also be required to attend an interview.	D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Games and Animation

Keen to kick-start an exciting future in the games and animation industry? Combining design principles with hands-on production skills and creative techniques, our courses will open your mind to creating for the digital space.

We'll introduce you to the latest technologies used in digital media and the skills that will equip you for a successful career in gaming, digital media and more. Ready. Set. Play.

## PROFESSIONAL RECOGNITION

Our games and animation courses are recognised by leading industry organisations. As a Swinburne student, you'll gain recognition from and membership with the Games Developers' Association of Australia and the Australian Interactive Media Industry Association.

Our computer science degrees are professionally accredited by Australian Computer Society (ACS).

## GAMES AND ANIMATION AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective

**Bachelor of Animation** ■ 8 ■ 8 ■ 8

**Bachelor of Arts** ■ 4 ■ 8 ■ 12

- Games and Interactivity

**Bachelor of Computer Science** ■ 8 ■ 8 ■ 8

- Games Development

**Bachelor of Design** ■ 8 ■ 8 ■ 8

- Digital Media Design

**Bachelor of Games and Interactivity** ■ 4 ■ 8 ■ 12

**Bachelor of Media and Communication** ■ 4 ■ 8 ■ 12

- Games and Interactivity

### Certificates and diplomas in

- Animation
- Digital and Interactive Games
- Website Design and Development

PLAY  
AT PAX!

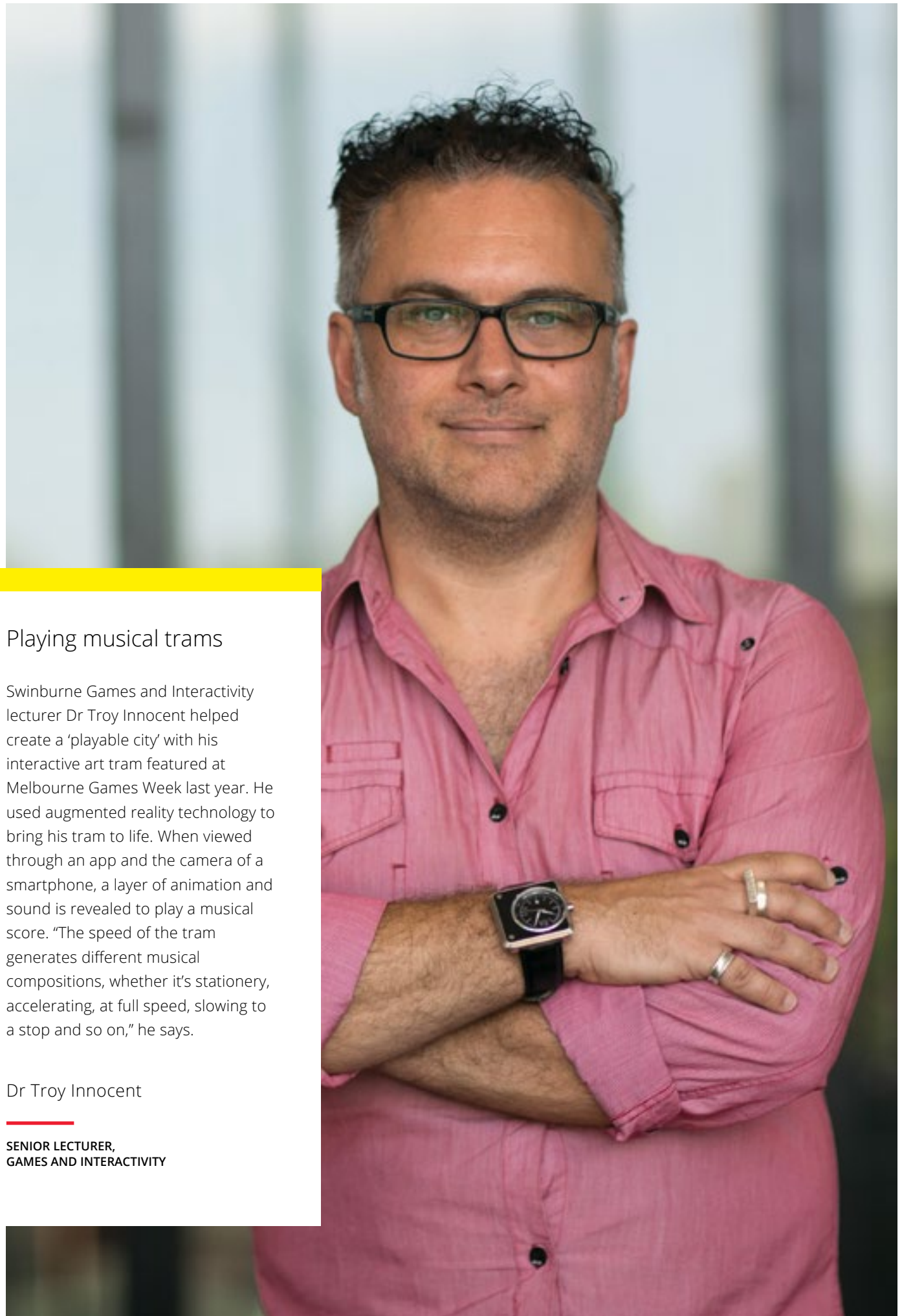
Final-year students design, create and showcase games for everyone to play at PAX.

JOIN THE  
ARCADE

Access The Arcade, Australia's first games co-working space, which houses the country's most exciting developers.

BEST  
STUDENT  
GAME

Our students won the inaugural 2017 student game award at The Game Awards in L.A. for their 2D puzzle platformer, Level Squared.



## Playing musical trams

Swinburne Games and Interactivity lecturer Dr Troy Innocent helped create a 'playable city' with his interactive art tram featured at Melbourne Games Week last year. He used augmented reality technology to bring his tram to life. When viewed through an app and the camera of a smartphone, a layer of animation and sound is revealed to play a musical score. "The speed of the tram generates different musical compositions, whether it's stationary, accelerating, at full speed, slowing to a stop and so on," he says.

Dr Troy Innocent

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**SENIOR LECTURER,  
GAMES AND INTERACTIVITY**



# Games and Animation

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ANIMATION</b>				
<b>Bachelor of Animation [H]</b> Get 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. <b>Career opportunities:</b> Cinematographer, editor, 2D and 3D animators, stop motion animator, director, producer, screenwriter.	65	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Games and Interactivity/Bachelor of Animation [H]</b> Gain a competitive edge in the fields of animation and games development. Acquire a broad understanding of animation through the practice of animation techniques. Learn about film, television and animation history and theory; as well as the role of games in contemporary society and how games are developing as a cultural industry. Become equipped with the skills needed to work in the rapidly evolving animation and games industries as well as the broader digital media sector. <b>Career opportunities:</b> Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.	65	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	V or D
<b>Advanced Diploma of Screen and Media CUA60615 specialising in Animation [H]</b> Gain a range of skills in creative and technical applications of motion graphics and animation. Learn about screen and media processes. Learn pre-visualisation and story boarding techniques, and production processes for animation, including 2D and 3D animation and special effects. <b>Career opportunities:</b> Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.		1 yr FT	Successful completion of Diploma in Screen and Media (specialising in Animation) or equivalent, or relevant experience	V or D
<b>Diploma of Screen and Media CUA51015 specialising in Animation [H]</b> Engage in a dynamic, creative and technical approach to the production of animation content for the screen and media industries. Learn pre-visualisation and story boarding techniques, and production processes for animation, including 2D and 3D animation and special effects. <b>Career opportunities:</b> Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Certificate IV in Screen and Media CUA41215 [H]</b> Gain foundation skills and knowledge to pursue employment and/or further training in animation, visual effects, digital art, radio production and presentation, and film and television production. <b>Career opportunities:</b> Technical assistant, production assistant.		1 yr FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>DIGITAL AND INTERACTIVE GAMES</b>				
<b>Diploma of Digital and Interactive Games ICT50215 [H]</b> Gain the knowledge and skills to create 3D characters, models and animations. Learn about C# programming, mobile development, particle effects and object oriented programming. Undertake a major project to develop a game from design through to completion using the Unity game engine. <b>Career opportunities:</b> Multimedia designer, multimedia producer, 2D animator, 3D animator, texture artist, games developer.		1 yr FT/2 yrs PT	Successful completion of Certificate IV in Digital and Interactive Games or equivalent, or relevant experience	V or D
<b>Certificate IV in Digital and Interactive Games ICT40915 [H]</b> Learn about games design, game development using the Unity game engine, programming, 3D modelling and animation, and project management. <b>Career opportunities:</b> Multimedia designer, multimedia producer, 2D animator, 3D animator, texture artist, games developer.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D
<b>DIGITAL MEDIA DESIGN</b>				
<b>Bachelor of Design with a major in Digital Media Design [H]</b> Learn how to develop and deliver a range of digital media applications, including projects for web, digital film and television production, interactive digital media and handheld mobile devices. Gain skills in animation, 3D modelling, digital video, audio media and communication design for electronic media. <b>Career opportunities:</b> Web and interactive design, UX designer, app designer, mobile designer, visual effects designer, design consultant.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>GAMES AND INTERACTIVITY</b>				
<b>Bachelor of Arts (Professional) with a major in Games and Interactivity [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Arts with a major in Games and Interactivity [H]</b> 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Games developer, media producer, multimedia developer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Games and Interactivity [H]</b> 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. Also see Arts and Humanities (page 25) and Media and Communication (page 97). <b>Career opportunities:</b> Games developer, multimedia developer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Games and Interactivity/Bachelor of Animation [H]</b> Gain a competitive edge in the fields of animation and games development. Acquire a broad understanding of animation through the practice of animation techniques. Learn about film, television and animation history and theory, as well as the role of games in contemporary society and how games are developing as a cultural industry. Become equipped with the skills needed to work in the rapidly evolving animation and games industries as well as the broader digital media sector. <b>Career opportunities:</b> Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.	65	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	V or D
<b>Bachelor of Games and Interactivity/Bachelor of Computer Science [H]</b> Gain a broad range of multimedia production skills, including web, animation and digital video/audio, combined with skills in software development required to develop games and interactive applications. Professional accreditation: See Bachelor of Computer Science (page 87). <b>Career opportunities:</b> Video games developer, computer programmer, animator.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D
<b>Bachelor of Media and Communication (Professional) with a major in Games and Interactivity [H]</b> <b>Bachelor of Media and Communication with a major in Games and Interactivity [H]</b> 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. Undertake a range of projects focusing on analog and digital games. Develop practical and creative research and communication skills in a games lab environment. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Games developer, media producer, multimedia developer.	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>GAMES DEVELOPMENT</b>				
<b>Bachelor of Computer Science (Professional) with a major in Games Development [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Games Development [H]</b> 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. Professional accreditation: See Bachelor of Computer Science (page 87). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software developer, video games developer, computer programmer, data solution manager.	70	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D

# Games and Animation

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>WEBSITE DESIGN AND DEVELOPMENT</b>				
<b>Diploma of Information Technology ICT50115 specialising in Website Design and Development [H]</b> Learn the skills and knowledge needed to work in a range of front-end design and development roles. Develop skills in web design that focus on user experience (UX) and user interface (UI) design, plus, gain experience in web development with an emphasis on creating dynamic database-driven content. <b>Career opportunities:</b> Web developer, web animator, project manager.		1 yr FT	Certificate IV in Information Technology (ICT40115); or other relevant qualifications or work experience	V or D
<b>Certificate IV of Information Technology ICT40115 specialising in Website Design and Development [H]</b> Gain foundational skills in web design and development necessary for entry into the IT industry. Learn the basics of how to create, customise and publish a website, and develop basic skills in 2D animation, motion graphics, digital photography, visual design, web programming, database integration and multimedia project management. <b>Career opportunities:</b> Web developer, web animator.		1 yr FT/2 yrs PT	Satisfactory completion of Year 12 or equivalent or relevant work experience	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna



See for yourself the amazing games our students make in the Games Arcade at Swinburne Open Day.

# Health

Health is about more than just kale and crunches. From counselling and nutrition, to exercise science and psychology, services provided by healthcare professionals are integral to improving the lives of our communities.

In our health courses, you'll examine the physical, psychological and social aspects of health, develop specialised skills and put them into practise through clinical placements. You'll discover how technology is disrupting and improving the industry, and learn in brand new facilities furnished with the latest equipment.

## PROFESSIONAL RECOGNITION

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

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 LABS ON CAMPUS

HEALTH AT A GLANCE

UNIT TYPES 

Core

Major

Elective

Bachelor of Exercise and Sport Science

204

Bachelor of Health Science

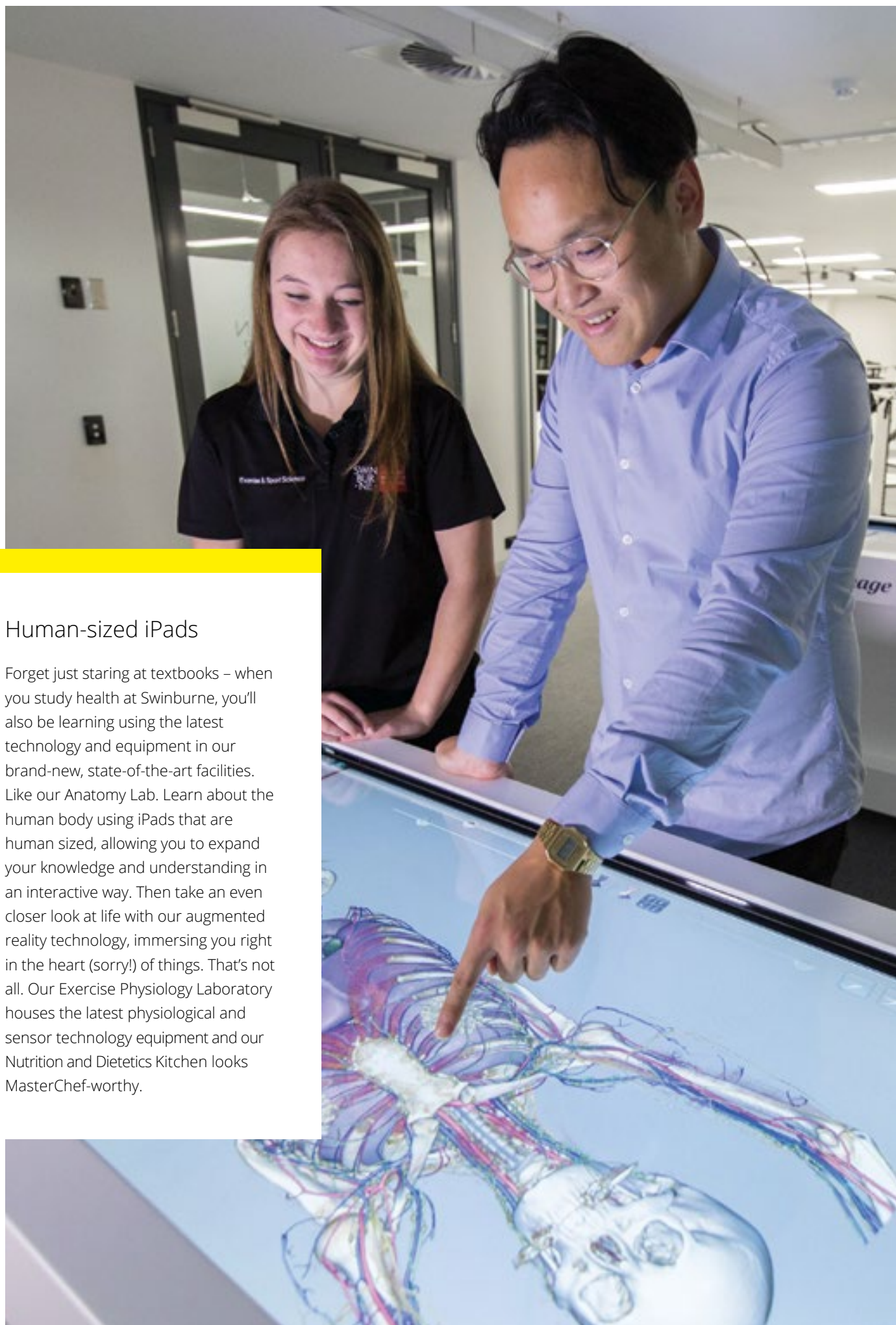
888

- Applied Statistics
- Biomedical Science
- Clinical Technologies
- Digital Health and Informatics **NEW!**
- Health Promotion **NEW!**
- Neuroscience
- Nutrition
- Psychology and Forensic Science
- Psychology and Psychophysiology

Certificates and diplomas in

- Community Services
- Health Science
- Sports Management





## 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 iPads that are human sized, allowing you to expand your knowledge and understanding in an interactive way. Then take an even closer look at life with our augmented reality technology, immersing you right in the heart (sorry!) of things. That's not all. Our Exercise Physiology Laboratory houses the latest physiological and sensor technology equipment and our Nutrition and Dietetics Kitchen looks MasterChef-worthy.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
APPLIED STATISTICS				
Bachelor of Health Science (Professional) with a major in Applied Statistics [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	V
Bachelor of Health Science with a major in Applied Statistics [H]	60	3 yrs FT/6 yrs PT		V or D
Receive training in using a range of statistical tools, including survey and experimental design, generalised linear models, time series analysis, data mining, survival analysis, meta-analysis and multivariate statistics, and become proficient with software including R, GGOBI and SPSS. Learn to apply these tools in a variety of contexts, including forensic science, sports science, psychology and health.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Medical researcher, data scientist, market researcher, biostatistician, psychological statistician, finance consultant.				
BIOMEDICAL				
Bachelor of Health Science (Professional) with a major in Biomedical Science [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). It is recommended that students selecting the Biomedical and Clinical Technologies major have completed some prior study in Mathematics.	V
Bachelor of Health Science with a major in Biomedical Science [H]	60	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Biomedical technician, hospital scientist, biotechnology product developer, clinical trials coordinator, medical laboratory scientist, microbiology technical officer, research scientist, physiologist, tissue culture technician.				
CLINICAL TECHNOLOGIES				
Bachelor of Health Science (Professional) with a major in Clinical Technologies [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). It is recommended that students selecting the Biomedical and Clinical Technologies major have completed some prior study in Mathematics.	V
Bachelor of Health Science with a major in Clinical Technologies [H]	60	3 yrs FT/6 yrs PT		V or D
Gain a basic scientific understanding of chemistry, biochemistry, microbiology, human anatomy and physiology. Develop knowledge about the technology and modern instrumentation used in clinical care and monitoring environments such as analytical and research laboratories. Learn about anatomy and physiology and the analysis of clinical data, and undertake hands-on laboratory training in heart and brain monitoring and medical imaging.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Hospital scientist, cardiac technologist, clinical neurophysiologist, respiratory technologist, sleep technologist.				
COMMUNITY SERVICES				
Diploma of Community Services CHC52015 [C] [H] [W]		1.5 yrs FT/3 yrs PT	Satisfactory completion of Year 12 or equivalent or completion of experience in the community services sector.	V or D
Gain the knowledge and skills to work in the community services sector in residential and community settings. Learn how to provide a holistic approach to client needs, including social, emotional, psychological and practical support.				
This course is professionally accredited by the Australian Community Workers' Association.				
Students are required to have a valid police check and working with children check.				
Career opportunities: Family support worker, case worker, juvenile justice worker, child protection worker, mental health support worker.				
Certificate IV in Alcohol and Other Drugs CHC43215 [H] [W]		1 yr FT/2yrs PT	Satisfactory completion of Year 12 or equivalent. Applicants must be at least 18 years of age	V or D
Gain the skills and knowledge required to work with those suffering through alcohol and other drug addiction under the guidance of practitioners and other professionals in community organisations, withdrawal, rehabilitation, and outreach services.				
Students are required to have a valid police check and working with children check.				
Career opportunities: Roles in community mental health and AOD organisations, residential rehabilitation services and withdrawal services.				
Certificate IV in Allied Health Assistance HLT43015 [W]		6 mths FT	Entry into this program is based on an applicant's study and/or relevant work history	V or D
Learn how to develop and manage therapeutic programs to deliver holistic care to clients with rehabilitation needs. Gain the knowledge and skills needed to support allied health professional such as physiotherapists, occupational therapists.				
Students are required to have a valid police check and working with children check.				
Career opportunities: Allied health assistant.				

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>COMMUNITY SERVICES (CONTINUED)</b>				
<b>Certificate IV in Allied Health Assistance HLT43015 specialising in Sport and Fitness [H]</b> Gain core skills including fitness, physiotherapy, community health, and wellbeing. The course includes two placements, one in either a hospital or community rehabilitation setting, and the other working within the fitness industry. You'll learn how to deliver therapeutic programs, provide quality care in hospital, and gain experience in community rehabilitation and sport and fitness environments. Certifications include Senior First Aid, Mental Health First Aid, and Level 1 Sport Trainer (Sports Medicine Australia). <b>Career opportunities:</b> Allied Health Assistant with a focus on the health and fitness industry.		9 mths FT	Entry into this program is based on an applicant's study and/or relevant work history	D
<b>Certificate IV in Child, Youth and Family Intervention CHC40313 [C] [H]</b> Gain the skills and knowledge required to work with young people and children, who may have experienced trauma, in primary residential and out-of-home care settings. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Child protection support worker, residential care worker and case support worker.		9 mths FT/18 mths PT	Satisfactory completion of Year 12 or equivalent. Applicants must be at least 18 years of age.	V or D
<b>Certificate IV in Community Services CHC42015 [H] [W]</b> Gain the knowledge and skills to work in the community services sector as a case or support worker. Learn how to design and deliver programs, as well as intervention processes. <b>Career opportunities:</b> Family support worker, case worker, juvenile justice worker, child protection worker, mental health support worker.		1 yr FT	Entry into this program is based on an applicant's study and/or relevant work history.	V or D
<b>Certificate IV in Disability CHC43115 [H] [W]</b> Gain the skills and knowledge to work effectively with people with disabilities in a range of services. Learn how to develop and implement programs that empower people with disabilities to achieve greater levels of independence, self-reliance and wellbeing. Become equipped with the skills to work in residential group homes, training resource centres, day respite centres, other community settings and clients' homes. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Residential care officer, disability support officer, personal care assistant, social educator.		1 yr FT	Satisfactory completion of Year 12 or equivalent. Applicants must be at least 17 years of age.	V or D
<b>Certificate IV in Mental Health CHC43315 [C] [W]</b> Gain the knowledge, skills and values required to work as a professional in community mental health. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Mental health support worker, mental health case worker.		6 mths FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.	V or D
<b>Certificate IV in Youth Work CHC40413 [H] [W]</b> Become prepared to work with and support young people. Gain the skills and knowledge required to develop and implement programs that address the social, behavioural, health, welfare, developmental and protection needs of young people. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Childcare worker, community worker, youth worker, social worker.		1 yr FT	Satisfactory completion of Year 12 or equivalent. Applicants must be at least 17 years of age.	V or D
<b>Certificate III in Individual Support (Ageing, Home and Community) CHC33015 [W]</b> Become prepared to work with and support the elderly. Gain the skills and knowledge required to develop and implement programs that address the social, behavioural, health, welfare, developmental and protection needs of the elderly. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Community worker, disability worker, aged care worker.		6 mths FT	Entry into this program is based on an applicant's study and/or relevant work history.	D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>DIGITAL</b>				
<b>Bachelor of Health Science (Professional) with a major in Digital Health and Informatics [H] <b>NEW!</b></b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Bachelor of Health Science with a major in Digital Health and Informatics [H] <b>NEW!</b></b> Understand the role technology plays in delivering safe and effective healthcare in the 21st century. Discover how digital disruption, data and information management, biomedical informatics, and digital innovation and design are challenging traditional healthcare methods. Work with various digital health and informatics tools and data to inform projects designed to improve health products, service delivery and people's health outcomes. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Health data analyst, health information manager, health product design, health tech entrepreneur, product trainer, medical technologist, health promotor, researcher, policy developer.	60	3 yrs FT/6 yrs PT		
<b>EXERCISE SCIENCE</b>				
<b>Bachelor of Exercise and Sport Science [H]</b>	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
Develop the skills to 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. <b>Career opportunities:</b> Sports scientist, performance analyst, coaching/development officer, strength and conditioning specialist, cardiac technician.				
<b>HEALTH PROMOTION</b>				
<b>Bachelor of Health Science (Professional) with a major in Health Promotion [H] <b>NEW!</b></b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Bachelor of Health Science with a major in Health Promotion [H] <b>NEW!</b></b> Develop an understanding of how 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Community developer, health education and promotion officer, policy developer, government officer, community officer, project officer.	60	3 yrs FT/6 yrs PT		
<b>HEALTH SCIENCE</b>				
<b>Bachelor of Health Science (Professional) [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Bachelor of Health Science [H]</b> Explore Australian and international health challenges from a range of perspectives. Examine the physical, psychological and social aspects of health in a variety of settings. Choose from a wide range of major study areas. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Community developer, disability officer, psychologist, data scientist, biomedical scientist.	60	3 yrs FT/6 yrs PT		
<b>Bachelor of Health Science/Bachelor of Business [H]</b>	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain core skills and knowledge in business, management and operations to prepare for work in modern organisations. Professional accreditation: See Bachelor of Business (page 43) and Bachelor of Health Science. <b>Career opportunities:</b> Medical researcher, psychologist, data scientist, biomedical scientist, business manager, public relations officer, project manager.				



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>HEALTH SCIENCE (CONTINUED)</b>				
<b>Bachelor of Health Science/Bachelor of Media and Communication [H]</b> Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain knowledge 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. Professional accreditation: See Bachelor of Health Science and Media and Communication (page 97). <b>Career opportunities:</b> Medical researcher, psychologist, data scientist, biomedical scientist, health communicator, public relations officer, advertising consultant, journalist, journal editor.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Health Science/Bachelor of Science [H]</b> Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain skills, knowledge and key theoretical insights required to work in a range of professional scientific environments. Professional accreditation: See Bachelor of Health Science and Science (page 108). <b>Career opportunities:</b> Medical researcher, psychologist, data scientist, biomedical scientist, biologist, industrial chemist, environmental scientist.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Diploma of Health Science (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in biology, statistics and physiology.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL)	V or D
<b>NEUROSCIENCE</b>				
<b>Bachelor of Health Science (Professional) with a major in Neuroscience [H]</b> <b>Bachelor of Health Science with a major in Neuroscience [H]</b> Learn how the human nervous system operates. Gain an understanding of the molecular processes that underlie the development of the nervous system, the cellular physiology of neurons, clinical neuroanatomy, the biological basis of behaviour and how chemicals within our environment effect our behaviour. Discover cutting-edge technologies for measuring nervous system function as well as contemporary research in neurobiology. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Neuroscientist, pharmaceutical representative, medical device technician, hospital scientist, clinical neurophysiology technologist, clinical trials manager, sleep technician.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>NUTRITION</b>				
<b>Bachelor of Health Science (Professional) with a major in Nutrition [H]</b> <b>Bachelor of Health Science with a major in Nutrition [H]</b> Explore the fields of nutritional and food science in relation to contemporary issues in health science. 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Nutritionist, nutrition analyst, nutrition teacher, nutrition researcher, public health worker, health program developer, digital content developer.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>PSYCHOLOGY AND FORENSIC SCIENCE</b>				
<b>Bachelor of Health Science (Professional) with a major in Psychology and Forensic Science [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Health Science with a major in Psychology and Forensic Science [H]</b> Gain specialist knowledge about the application of psychology to aspects of the law, the justice system and forensic science, as well as statistical skills relevant to forensic issues. Complete research projects, specialist units in research design and project units related to forensic psychology. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Psychologist (with further study), forensic psychologist, behavioural therapist, medical researcher, counsellor, youth worker.	60	3 yrs FT/6 yrs PT		V or D
<b>PSYCHOLOGY AND PSYCHOPHYSIOLOGY</b>				
<b>Bachelor of Health Science (Professional) with a major in Psychology and Psychophysiology [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Health Science with a major in Psychology and Psychophysiology [H]</b> Gain a broad introduction to a range of relevant studies in psychology, including cognition, developmental psychology, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. Learn about physiological processes relevant to the study of psychology and address neuroanatomy; neurophysiology; physiological responses to sleep, dreaming, memory and cognition; and brain disorders. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Psychologist (with further study), psychophysiology, scientist, technologist.	60	3 yrs FT/6 yrs PT		V or D
<b>SPORTS MANAGEMENT</b>				
<b>Diploma of Sport Development/Diploma of Leadership and Management SIS50612/BSB51915 [H and EV]</b> Become prepared for a career in sport leadership. Delivered in collaboration with Richmond Football Club, students gain skills in high-performance training and nutrition, personal organisation, coaching and leadership, budgeting, project management, people management, safety and compliance. <b>Career opportunities:</b> Program developer, talent development manager, sport development manager, leisure and recreational facility co-ordinator, sport and recreation community development officer.		1 yr FT	Successful completion of Victorian Year 12 or equivalent, or relevant work experience	D
<b>Diploma of Sport Development SIS50612 [EV]</b> Combine physical training with practical theory, developing skills and knowledge in athletic development, leadership, coaching, project management and risk management. Delivered in collaboration with Richmond Football Club. <b>Career opportunities:</b> Competition manager, program developer, talent development manager, leisure and recreational facility coordinator, sport and recreation development officer.		1 yr FT	Successful completion of Victorian Year 12 or equivalent, or relevant work experience	D

# Information Technology

Being tech savvy is more valuable than ever. Our Information Technology courses are designed to provide you with the foundational knowledge and industry skills needed to apply information technologies to a range of settings.

Go on to a career in information technology, health, transport, finance, media, manufacturing, energy and beyond.

## PROFESSIONAL RECOGNITION

Our IT degrees are professionally accredited by the Australian Computer Society (ACS). The Bachelor of Engineering (Honours) with a major in software is professionally accredited by Engineers Australia.

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



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FOR MEDIAN  
STARTING SALARY

**Our IT graduates finish their course with great prospects of landing a job with higher than average pay.**

QILT Student Experience Survey 2017, compared to other universities in Victoria

WE OWN  
THE DOMAIN

**We're #1 for IT education experience**

QILT Student Experience Survey 2017, compared to other universities in Victoria

\$1.1M CISCO  
NETWORKING  
ACADEMY

**Six state-of-the-art labs and 700 Cisco devices**

## INFORMATION TECHNOLOGY AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective ■ Prof. Placement

**Bachelor of Business** 8 8 8

- Information Systems

**Bachelor of Business** 8 8 8

### Information Systems

- Business Analysis
- Data Analytics
- Data Management

**Bachelor of Computer Science** 8 8 8

- Cybersecurity
- Data Science
- Games Development
- Internet of Things
- Network Design
- Software Design
- Software Development

**Bachelor of Engineering (Honours)** 12 16 4

- Software Engineering

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

- Business Systems
- Network Technology
- Software Technology
- Systems Analysis
- Systems Management

**Bachelor of Information Technology** 16 8 8

### Certificates and diplomas in

- Computer Systems Technology
- Cybersecurity
- Information Technology
- Networks
- Software
- Website Design and Development



## Learning and leading

“Many universities offer academic knowledge, but not all of them prepare you to be an ICT professional, like Swinburne,” says Cindy. Last year, in her IT Project class, she took on a brief from a real-world client. In the roles of project leader and database designer, she collaborated with a team of students from other faculties to deliver a solution. Apart from sharpening her programming skills, she says that she has also learnt so much about team dynamics and leadership.

Cindy Wijaya

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**STUDYING BACHELOR OF INFORMATION  
AND COMMUNICATION TECHNOLOGY**



# Information Technology

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>BUSINESS ANALYSIS</b>				
<b>Bachelor of Business Information Systems with a major in Business Analysis [H]</b> Learn about approaches to analysing and developing creative solutions to the economic, social and environmental changes and challenges facing business. Develop the skills to analyse the requirements of users and learn how to find ways to transform business through technology. <b>Career opportunities:</b> Systems analyst, systems architect, business analyst, requirements analyst.	60	3 yrs FT 6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>BUSINESS INFORMATION SYSTEMS</b>				
<b>Bachelor of Business (Professional) with a major in Information Systems [H]</b> <b>Bachelor of Business with a major in Information Systems [H]</b> Learn about business analysis and problem-solving, systems analysis, project management, the provision of information systems services, social media in organisations and mobile business. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business IT manager, business analyst, information architect, manager, IT consultant, systems analyst and tester.	80 60	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V V or D
<b>Bachelor of Business Information Systems [H]</b> Become prepared for immediate entry into the management of business information systems in organisations. Learn about business analysis and problem-solving, systems analysis, project management, the provision of information systems services, social networking in organisations, and mobile business and connectivity. You can choose to major in Business Analysis, Data Analytics or Data Management. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Systems analyst, systems architect, business IT manager.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Business Information Systems/Bachelor of Business [H]</b> Combine specialist studies in business information systems (IS) with a business degree. Gain the skills and knowledge to pursue a generalist or specialist career using information systems and information and communication technology to analyse business problems and develop creative and innovative solutions. Professional accreditation: See Bachelor of Business (page 43) and Bachelor of Business Information Systems. <b>Career opportunities:</b> Business IT manager, financial adviser, economist, marketing researcher, business analyst, information architect, manager, IT consultant, systems analyst and tester.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>BUSINESS SYSTEMS</b>				
<b>Bachelor of Information and Communication Technology with a major in Business Systems [H]</b> Learn about database technologies and how to educate management on suitable technologies and their deployment. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Business analyst, database analyst, information systems coordinator, management information systems analyst, project manager.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>COMPUTER SCIENCE</b>				
<b>Bachelor of Computer Science (Professional) [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL) and Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics (excluding Foundation Maths).	V
<b>Bachelor of Computer Science [H]</b> 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 and web-based systems, with an emphasis on the design and implementation of effective human-computer interfaces. Develop skills in a range of programming languages, including C++, C#, Objective C and Java. This degree is professionally accredited by the Australian Computer Society. <b>Professional placement:</b> The Bachelor of Computer Science (Professional) includes a 12-month work placement. <b>Career opportunities:</b> Software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.	70	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Engineering (Honours)/Bachelor of Computer Science [H]</b> Combine technical expertise in an engineering field of your choice with skills in software development or online security. Complete core units in your first year to assist in selecting from a wide range of engineering majors. Undertake at least 12 weeks of relevant professional experience. Professional accreditation: See Bachelor of Computer Science and Bachelor of Engineering (Honours) (page 65). <b>Career opportunities:</b> Telecommunications engineer, electrical and electronic engineer, software developer, design engineer, cybersecurity consultant, systems analyst, network administrator.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Games and Interactivity/Bachelor of Computer Science [H]</b> Gain a broad range of multimedia production skills, including web, animation and digital video/audio, combined with extensive skills in software development to create games and interactive applications. Professional accreditation: See Bachelor of Computer Science. <b>Career opportunities:</b> Video games developer, computer programmer, internet systems developer, multimedia developer, systems analyst, animator.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D
<b>Bachelor of Laws/Bachelor of Computer Science [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct and competition law. Work with complex software and networks to create secure solutions. Choose a Computer Science major: cybersecurity, data science, games development, internet of things, network design, software design or software development. Professional accreditation: See Bachelor of Computer Science and Bachelor of Laws (page 94). <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D
<b>COMPUTER SYSTEMS TECHNOLOGY</b>				
<b>Advanced Diploma of Computer Systems Technology ICT60515 [H]</b> Gain the skills and knowledge needed to coordinate and administer the commissioning, installation and maintenance of a range of networks, enterprise servers and systems, develop dynamic websites and object oriented code. <b>Career opportunities:</b> IT support professional, network programmer, network security practitioner.		1 yr FT/2 yrs PT	Successful completion of Certificate IV in Computer Systems Technology or demonstrated experience in senior network support roles	V or D
<b>Certificate IV in Computer Systems Technology ICT41015 [H]</b> Gain the knowledge and skills required to install and administer simple networks, servers, client desktop deployments, networking and robotics-related programming development, and the Internet of Things. <b>Career opportunities:</b> IT support professional, network security practitioner.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D

# Information Technology

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COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
CYBERSECURITY				
<b>Bachelor of Computer Science (Professional) with a major in Cybersecurity [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Cybersecurity [H]</b>	70	3 yrs FT/6 yrs PT		V or D
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. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software developer, cybersecurity consultant, digital forensics expert, information system security officer, data analyst, digital developer, IT consultant, cybersecurity system designer.				
<b>Certificate IV in Cyber Security 22334VIC [H]</b>		1 yr FT/2yrs PT	Satisfactory completion of Year 10 or equivalent	V or D
Gain the skills and knowledge to secure networks, computer systems and support users, either in an independent cybersecurity support role or as part of a team.				
DATA ANALYTICS				
<b>Bachelor of Business Information Systems with a major in Data Analytics [H]</b>	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Learn how business intelligence and business analytics are used to solve 'wicked problems' and provide business insight. Discover how business agility can be improved through an understanding of big data. <b>Career opportunities:</b> Business analyst, data analyst, business intelligence analyst, information management specialist, business solutions consultant.				
DATA MANAGEMENT				
<b>Bachelor of Business Information Systems with a major in Data Management [H]</b>	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
Gain hands-on experience in database design, implementation and management. Learn about contemporary issues relating to master data management, cloud storage, social media data and non-relational databases. <b>Career opportunities:</b> Database architect, database designer, database application developer, data services manager, data analyst.				
DATA SCIENCE				
<b>Bachelor of Computer Science (Professional) with a major in Data Science [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Data Science [H]</b>	70	3 yrs FT/6 yrs PT		V or D
Learn the statistical methods and tools needed to manage big data sets and the visualisation techniques needed to represent and understand that data for effective decision making. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Business analyst, data scientist, data solutions manager, information systems analyst, market intelligence analyst.				
GAMES DEVELOPMENT				
<b>Bachelor of Computer Science (Professional) with a major in Games Development [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Games Development [H]</b>	70	3 yrs FT/6 yrs PT		V or D
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. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software developer, video game creator, computer programmer, data solutions manager.				

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Bachelor of Games and Interactivity/Bachelor of Computer Science [H]</b> Gain a broad range of multimedia production skills, including web, animation and digital video/audio, combined with the extensive skills in software development required to develop games and interactive applications. Learn how to apply theoretical and practical knowledge to the development of 2D and 3D games. Gain multimedia and information technology skills to prepare for a career in the games industry as well as in the broader information and communications technology sector. Professional accreditation: See Bachelor of Computer Science. <b>Career opportunities:</b> Video games developer, computer programmer, internet systems developer, multimedia developer, systems analyst, animator.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D

## INFORMATION TECHNOLOGY

<b>Bachelor of Information and Communication Technology [H]</b> Explore computer and network configurations, web and application programming, and database design and maintenance. Specialise in a particular aspect of information and communication technology. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Project manager, multimedia developer, systems architect, business requirements analyst, computer programmer, application integration specialist.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Information Technology [H]</b> Spend 40 weeks gaining experience in the Information and Communication Technology industry by working with Swinburne's industry partners and receive a scholarship of approximately \$40,000. Develop technical skills in databases and programming, and explore business analysis and problem-solving, business process management, project management, the management of information systems (IS) in organisations, the provision of IS services, social networking in organisations, and mobile business and connectivity. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Project manager, business analyst, information architect, business requirements analyst.	RC	3 yrs FT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Diploma of Information Technology ICT50115 specialising in Cloud Computing [H]</b> This course will prepare you with the skills and knowledge that organisations require to modernise their legacy IT infrastructure. You will learn how to use cutting edge services from Amazon Web Services, Microsoft Azure and Google to create secure, resilient and scalable IT solutions. <b>Career opportunities:</b> Systems Administrator, Systems Architect, Cloud Migration/Transformation Specialist, IT Support Officer, and System Integrator.		1 yr FT	Certificate IV in Information Technology Networking ICT40415 or other relevant qualification or work experience	V or D
<b>Diploma of Information Technology (UniLink) [H]</b> This higher education diploma is an alternative pathway to the second year of a bachelor degree. The units are similar to those in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in database analysis and design, business information systems, programming in C and C++, and creating web applications.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL)	V or D
<b>Associate Degree of Applied Technologies [H]</b> Develop technical engineering and information technology skills. Learn about the Internet of Things, cloud computing, advanced algorithms, advanced manufacturing practices, automation and robotics, and smart sensor and cyber physical systems. Undertake paid employment at a global engineering company. <b>Career opportunities:</b> Service technician, engineering technician, site installation technician.	RC	2 yrs FT/4 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	D

## INTERNET OF THINGS

<b>Bachelor of Computer Science (Professional) with a major in Internet of Things [H]</b> <b>Bachelor of Computer Science with a major in Internet of Things [H]</b> 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. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Mobile application developer, full-stack software developer, solution architect, consultant, data scientist.	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
	70	3 yrs FT/6 yrs PT		V or D



# Information Technology

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>NETWORKS</b>				
<b>Bachelor of Computer Science (Professional) with a major in Network Design [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Network Design [H]</b> Learn how to secure information and communication systems and become competent in computer network technologies and security. Study programming, internet technologies, systems analysis and design, database technologies and software development, as well as advanced topics in computer networks and security. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Network technician, telecommunication network designer, telecommunication network developer, network architect, software developer, data analyst, IT consultant.	70	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Information and Communication Technology with a major in Network Technology [H]</b> Specialise in the networking aspect of information and communication technology infrastructure. Gain four Cisco certifications. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Network technician, telecommunication network designer, telecommunication network developer, network architect, software developer, data analyst, IT consultant.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Information Technology Networking ICT50415 [H]</b> Gain the skills and knowledge needed to install and manage complex networks either as an independent information and communication technology specialist or as part of a team. Learn how to install and administer Linux and Microsoft operating systems, and network security. You can choose to specialise in cloud computing or in network design. <b>Career opportunities:</b> Customer support, database support, network support technician, computer support technician, user support technician.		1 yr FT	Successful completion of Certificate IV in Information Technology Networking or demonstrated experience in network support	V or D
<b>Certificate IV in Information Technology Networking ICT40415 [H]</b> Study networking, Linux administration, Windows servers, network security, the Internet of Things and client support. Gain the skills and knowledge needed to install and manage small-scale networks, either as an independent network support technician or as part of a team. <b>Career opportunities:</b> Customer support, database support, network support technician, computer support technician, user support technician.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D
<b>SOFTWARE</b>				
<b>Bachelor of Computer Science (Professional) with a major in Software Design [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Software Design [H]</b> Learn the algorithms that drive big data, facilitate green computing and cybersecurity, and underpin the next generation of computer systems. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software designer, systems developer, financial analyst, software modeller, project and technology manager.	70	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Computer Science (Professional) with a major in Software Development [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion of two units (any study combination) of any Mathematics (excluding Foundation Maths)	V
<b>Bachelor of Computer Science with a major in Software Development [H]</b> 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. This degree is professionally accredited by the Australian Computer Society. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.	70	3 yrs FT/6 yrs PT		V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>SOFTWARE</b>				
<b>Bachelor of Engineering (Honours) (Professional) with a major in Software [H]</b>	85	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V
<b>Bachelor of Engineering (Honours) with a major in Software [H]</b> 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. Undertake at least 12 weeks of professional experience. Professionally accredited by Engineers Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Software engineer, software systems developer, software modeller, project and technology manager.	75	4 yrs FT/8 yrs PT		V or D
<b>Bachelor of Information and Communication Technology with a major in Software Technology [H]</b> Learn how to enhance and maintain existing applications and assist in the choice of software for the needs of an organisation. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Systems architect, business requirements analyst, technical writer, application integration specialist, software developer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Software Development ICT50715 [H]</b> Gain high-level technical skills and knowledge, and learn how to develop mobile, web, desktop and cloud applications. Use up-to-date practices and current programming languages, including C#, Java, JavaScript, PHP, databases and project management <b>Career opportunities:</b> Application developer, user interface analyst, data mining specialist, support programmer, web application developer.		1 yr FT/2 yrs PT	Successful completion of Certificate IV in Information Technology (ICT40115), or equivalent	V or D
<b>Certificate IV in Information Technology ICT40115 specialising in Programming [H]</b> Learn a range of programming languages (C#, Java, JavaScript and PHP) and develop skills in programming frameworks, version control tools and project collaboration tools. Gains the skills to develop mobile, desktop and cloud applications. <b>Career opportunities:</b> Computer programmer, database administrator, IT support professional.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D
<b>SYSTEMS</b>				
<b>Bachelor of Information and Communication Technology with a major in Systems Analysis [H]</b> Learn how to redesign business processes and describe the software and web applications that assist in creating more efficient working environments. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Quality assurance analyst, business requirements analyst, user interface analyst, business analyst, database analyst.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Information and Communication Technology with a major in Systems Management [H]</b> Gain the skills to provide for the infrastructure and technology needs of a small organisation; learn how to lead teams that look after the IT needs in a larger organisation and assist management in technology-related decision making. This degree is professionally accredited by the Australian Computer Society. <b>Career opportunities:</b> Project manager, multimedia developer, systems architect, data mining specialist, help desk manager, business analyst.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>WEBSITE DESIGN AND DEVELOPMENT</b>				
<b>Diploma of Information Technology ICT50115 specialising in Website Design and Development [H]</b> Learn the skills and knowledge needed to work in a range of front-end design and development roles. Develop skills in web design that focus on user experience (UX) and user interface (UI) design, plus, gain experience in web development with an emphasis on creating dynamic database-driven content. <b>Career opportunities:</b> Web developer, web animator, project manager.		1yr FT	Certificate IV in Information Technology (ICT40115); or other relevant qualifications or work experience	V or D
<b>Certificate IV in Information Technology ICT40115 specialising in Website Design and Development [H]</b> At Swinburne we believe in getting our students job-ready. That's why you'll gain a broad range of skills required for entry into the information technology and multimedia industries, while developing practical skills that have been developed with industry assistance. During your course you'll learn about web design and development, 2D animation, motion graphics, digital photography, visual design, web programming, database integration, multimedia project management, and an industry based major project. <b>Career opportunities:</b> Web developer, web animator.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	V or D

# Law

Open your world to the rigorous and intellectually challenging legal profession with our law courses (and finally understand all the lingo in *Suits*.)

You can integrate a Graduate Diploma in Legal Practice from the Leo Cussen Centre for Law with your bachelor degree. This shaves months off your study and means you qualify for admission to legal practice on the day you graduate - we're the only university in Victoria to offer this.

In our courses, you'll find a special emphasis on innovation, technology and intellectual property – areas that are crucial for a range of industries you can go on to work in.

LAW AT A GLANCE		
UNIT TYPES	Core	Elective Prof. Experience
<b>Bachelor of Criminal Justice and Criminology</b> <b>NEW!</b>	16	8
<b>Bachelor of Laws</b>	19	13
<b>Certificates and diplomas in</b>		
<ul style="list-style-type: none"> <li>Justice</li> <li>Legal Services</li> </ul>		

## PROFESSIONAL RECOGNITION

The Bachelor of Laws satisfies the academic requirements to qualify for admission to practice as a lawyer in the Victorian and Australian Federal legal systems as set by the Victorian Legal Admissions Board. The graduate diploma offered with the Leo Cussen Centre for Law complies with the Practical Legal Training Component of qualifying to become an Australian lawyer.

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To offer a dual award with the Leo Cussen Centre for Law. You'll qualify for admission to legal practice on the day you graduate.

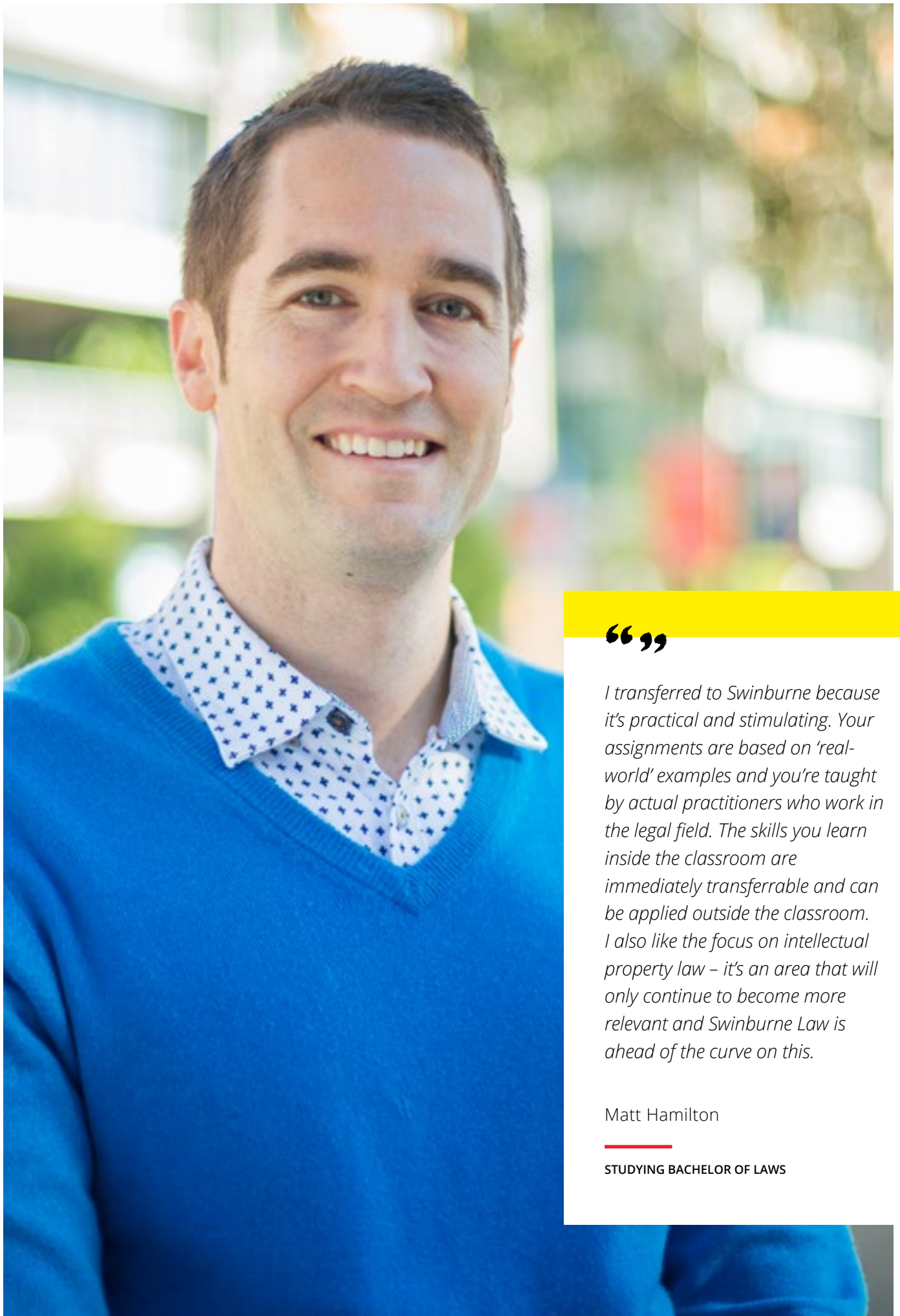
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TOP LAW  
SCHOOL

FOR STUDENT  
SATISFACTION AND  
QUALITY OF TEACHING.

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60 DAYS OF  
PLACEMENT

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“”

*I transferred to Swinburne because it's practical and stimulating. Your assignments are based on 'real-world' examples and you're taught by actual practitioners who work in the legal field. The skills you learn inside the classroom are immediately transferrable and can be applied outside the classroom. I also like the focus on intellectual property law – it's an area that will only continue to become more relevant and Swinburne Law is ahead of the curve on this.*

Matt Hamilton

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STUDYING BACHELOR OF LAWS



COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>CRIMINOLOGY</b>				
<b>Bachelor of Criminal Justice and Criminology [H] <span>NEW!</span></b> Gain insight into both the causes of crime (criminology) and the consequences and responses to criminal behaviour (criminal justice). Learn about local and global criminality, traditional approaches to crime, and emerging trends and practises. Examine how technological advances impact the sector, such as in predicting crime, detecting and preventing criminal behaviour, and implementing effective criminal sanctions. Graduates will be prepared for work in areas such as law enforcement, corrections, offender rehabilitation, victim support and government policy development. <b>Career opportunities:</b> Law enforcement officer, victim support worker, government policy writer, corrections officer.	60	3 yrs FT/6 yrs PT	Units 3 and 4 – a study score of at least 30 in English (EAL) or at least 25 in English other than EAL	V or D
<b>LAW PROFESSION</b>				
<b>Bachelor of Laws [H]</b> Learn about commercial law with an emphasis on intellectual property law. The only bachelor degree in Victoria with this distinct specialisation, explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Learn how to protect the rights of those who innovate or create. You'll undertake three professional placements of 20 days each to experience different types of professional legal settings before you graduate. Professional accreditation from the Victorian Legal Admissions Board. This course satisfies the academic requirements for admission to practise as a lawyer in the Victorian and Australian federal legal systems. Non-academic requirements must also be satisfied for admission to practice. <b>Career opportunities:</b> Solicitor, lawyer, legal adviser.	90	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Arts [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Gain an understanding of important social, cultural and international developments through a range of arts majors. Professional accreditation: See Bachelor of Arts (page 26) and Bachelor of Laws. <b>Career opportunities:</b> Lawyer, public servant, media manager, communications manager, consultant, publisher, legal adviser, human rights advocate, journalist.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Aviation Management [H]</b> Become equipped with the skills to work in commercial and general legal practice and in aviation management. Explore legal principles and practices, including regulatory compliance and contract law, which are of critical importance in the aviation industry. Gain insight into how airlines and airports operate. Professional accreditation: See Bachelor of Laws. <b>Career opportunities:</b> Lawyer, consultant, manager, compliance and regulation manager, project manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Business [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Learn how to be an entrepreneurial thinker and gain skills and knowledge in business management and operations. Professional accreditation: See Bachelor of Business (page 43) and Bachelor of Laws. <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, entrepreneur, business owner, banking and finance adviser, industrial relations consultant, corporate counsellor, financial analyst, policy adviser.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Bachelor of Laws/Bachelor of Business Information Systems [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Gain technical and analytical skills to meet the growing demand for information systems professionals in the increasingly technology-driven environment of organisations. Choose to specialise in business analysis, data analytics or data management. Professional accreditation: See Bachelor of Business Information Systems (page 46) and Bachelor of Laws. <b>Career opportunities:</b> Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager, business systems manager, policy researcher, commercial/business analyst, business consultant.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Computer Science [H]</b> Learn about commercial law with an emphasis on intellectual property law. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Work with complex software and networks to create secure solutions. Learn how these can be applied in areas such as defence, aerospace, medicine, banking and manufacturing. Choose a computer science major: cybersecurity, data science, games development, internet of things, network design, software design or software development. Professional accreditation: See Bachelor of Computer Science (page 87) and Bachelor of Laws. <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics (excluding Foundation Maths)	V or D
<b>Bachelor of Laws/Bachelor of Engineering (Honours) [H]</b> Combine a law degree focusing on commercial and intellectual property law with technical engineering skills in an engineering discipline of your choice. Explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Obtain theoretical and practical engineering knowledge by participating in workshops and industry projects. Undertake professional experience in law and engineering. Professional accreditation: See Bachelor of Engineering (Honours) (page 65) and Bachelor of Laws. <b>Career opportunities:</b> Solicitor, lawyer, legal adviser, corporate counsellor, manager, compliance and regulation manager, project manager, entrepreneur, intellectual property lawyer, commercial lawyer, start-up legal adviser, construction engineer, software engineer, civil engineer, biomedical engineer, industrial engineer, robotics and mechatronics engineer.	90	6.5 yrs FT/13 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Innovation and Design [H]</b> Learn about the relationship between innovation, design, entrepreneurship, and creativity. Study commercial law, with an emphasis on intellectual property law, and explore trademarks, patents and designs, copyright, the prohibition of misleading or deceptive conduct, and competition law. Professional accreditation: See Bachelor of Innovation and Design (page 55) and Bachelor of Laws. <b>Career opportunities:</b> Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager, consultant, entrepreneur, product development manager, product designer, business development consultant, innovation manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Media and Communication [H]</b> Examine how media and technology are rapidly transforming the way we communicate. Learn media production skills and examine issues such as media ownership, control of the media and the impact of media on society. Combine this with an understanding of the law, in particular, on commercial and intellectual property law. Explore competition law, copyright, the prohibition of misleading or deceptive conduct, and trademarks. Professional accreditation: See Media and Communication (page 97) and Bachelor of Laws. <b>Career opportunities:</b> Lawyer, solicitor, legal adviser, public relations manager, corporate communications manager, journalist, professional writer, business development manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>LAW PROFESSION (CONTINUED)</b>				
<b>Bachelor of Laws/Bachelor of Science [H]</b> Combine science and law to become an innovation and discovery specialist. Learn about commercial law with an emphasis on intellectual property, and gain scientific skills from your choice of science majors: applied mathematics, biochemistry, biotechnology, chemistry, environmental science and physics. Professional accreditation: See Bachelor of Laws. <b>Career opportunities:</b> Lawyer, environmental lawyer, corporate counsellor, scientist, forensic science technician, crime science officer, compliance and regulation manager, researcher, policy researcher/analyst.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>JUSTICE AND LEGAL SERVICES</b>				
<b>Advanced Diploma of Justice 22321VIC [H]</b> Learn the theory and practice behind operational functions within the Victorian criminal justice system. Covering areas such as foundation legal principles, management of adult offenders, how to work within family violence and culturally diverse circumstances, and more. <b>Career opportunities:</b> Case manager, legal aid, prison officer, legal assistant, customs officer, youth justice worker, policing roles (state and federal).		1 yr FT/2 yrs PT	Successful completion of, or demonstrated equivalence to, the units of competency that comprise the core units of Diploma of Justice (22320VIC)	D
<b>Diploma of Justice 22320VIC [H] [C]</b> Learn the theory and practice behind operational functions within the Victorian criminal justice system. Covering areas such as foundation legal principles, management of adult offenders, how to work within family violence and culturally diverse circumstances, and more. <b>Career opportunities:</b> Law clerk, clerk of court, customs officer, victim support officer, crime prevention officer, policing roles (state and federal).		1 yr FT/2 yrs PT	Demonstrated capacity in literacy, oracy and numeracy to Level 4 of Australian Core Skills Framework	V or D
<b>Diploma of Legal Services BSB52215 [H]</b> Learn about legislation, regulations and codes of practice relevant to areas such as family law, criminal law, property law and corporation law. Become prepared to use a range of specialised, technical and managerial skills to plan and carry out work in a legal context. Students also complete a work placement. <b>Career opportunities:</b> Legal secretary, administrator.		6 mths FT/1 yr PT	Successful completion of Certificate IV in Legal Services or equivalent, or relevant work experience	V or D
<b>Certificate IV in Legal Services BSB42215 [H]</b> Learn about working with contracts and other legal documents to provide support in a range of legal service settings. <b>Career opportunities:</b> Legal secretary, administrator.		6 mths FT/1 yr PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Media and Communication

The digital age has rapidly transformed the way we communicate, making it an exciting time to begin a media career.

Our media and communication courses will take you on an exploration of social media, news, advertising, and the evolution of media, examining the power of words and images and how they shape the way we think.

Combining theory with hands-on experience, you'll open doors to career in advertising, journalism, art direction, digital media, production and more.

## PROFESSIONAL RECOGNITION

Our media and communication courses provide many opportunities to connect through leading industry organisations. Our advertising major is professionally accredited by the Media Federation of Australia.



Our public relations major is professionally accredited by the Public Relations Institute of Australia and graduates may be eligible for membership.

Graduates of the digital advertising technology major may be eligible for membership of the Australian Interactive Media Industry Association.

Graduates of the journalism major may be eligible to apply for membership of the Media, Entertainment and Arts Alliance.

Double degrees may provide additional opportunities for membership.

## MEDIA AND COMMUNICATION AT A GLANCE

UNIT TYPES ■ Core ■ Major ■ Elective

### Bachelor of Media and Communication

4 8 12

- Advertising
- Cinema and Screen Studies
- Creative Writing and Literature
- Digital Advertising Technology
- Games and Interactivity
- Journalism
- Media Industries
- Professional Writing and Editing
- Public Relations
- Social Media

### Certificates and diplomas in

- Journalism
- Media and Communication
- Professional Writing and Editing
- Sports Media **NEW!**

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Our world-first partnership with Adobe addresses the global shortage of graduates with relevant digital skills through our major in digital advertising technology.

☆☆☆☆☆  
RATING FOR  
MEDIAN STARTING  
SALARY

### Highest in Victoria.

Good Universities Guide 2019 and QILT Graduate Destination Survey 2015 and Student Experience Survey 2016 and 2017





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*I have 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 will have life-long friends.*

Catherine Toce

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**STUDYING BACHELOR OF MEDIA  
AND COMMUNICATION**

# Media and Communication

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>ADVERTISING</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Advertising [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Advertising [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Media and Communication with a major in Advertising [O]</b>	60	3 yrs FT/6 yrs PT		D
<p>Gain vital knowledge and skills needed to succeed in the complex and creative world of advertising. Explore effective design and strategy, as well as advertising development, implementation and evaluation. Learn how to design advertisements that not only please clients but achieve the ultimate purpose of reaching the audience in the desired way.</p> <p>This major is professionally accredited by the Media Federation of Australia.</p> <p>Also see Arts and Humanities (page 25).</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Marketing and sales professional, public relations officer, advertising consultant, media planner, brand strategist.</p>				
<b>CINEMA AND SCREEN STUDIES</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Cinema and Screen Studies [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Cinema and Screen Studies [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<p>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.</p> <p>Also see Arts and Humanities (page 25).</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Broadcast presenter, film researcher, production coordinator, community arts worker, film distribution coordinator, film festival manager, entertainment journalist.</p>				
<b>CREATIVE WRITING AND LITERATURE</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Creative Writing and Literature [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Creative Writing and Literature [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<p>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.</p> <p>Also see Arts and Humanities (page 25).</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Journalist, publisher, writer, editor, novelist, screenwriter, producer, advertising consultant.</p>				
<b>DIGITAL ADVERTISING TECHNOLOGY</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Digital Advertising Technology [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Digital Advertising Technology [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<p>Develop highly sought-after skills in digital advertising and digital marketing. Get experience using Adobe Experience Cloud, premium software used in creative agencies, marketing teams and digital consultancies around the world. Become an expert in the rapidly growing areas of digital analytics, search marketing, social media marketing and video marketing.</p> <p>Also see Arts and Humanities (page 25).</p> <p><b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.</p> <p><b>Career opportunities:</b> Journalist, publisher, writer, editor, social media officer, digital advertising specialist, digital marketing executive, advertising account manager, marketing coordinator, digital campaign manager, digital content manager, search marketing specialist, web analytics expert.</p>				

# Media and Communication

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>GAMES AND INTERACTIVITY</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Games and Interactivity [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Games and Interactivity [H]</b> 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. Become equipped with the skills needed to work in the rapidly evolving games industry as well as the broader digital media sector. Also see Arts and Humanities (page 25) and Games and Animation (page 72). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Games developer, media producer, multimedia developer, video games developer.	60	3 yrs FT/6 yrs PT		V or D
<b>JOURNALISM</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Journalism [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Journalism [H]</b> 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 work in online, television, radio and print outlets. Also see Arts and Humanities (page 25). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, publisher, writer, editor, digital advertising specialist, television presenter, radio presenter, investigative reporter, social commentator, social media coordinator, digital content manager, radio producer.	60	3 yrs FT/6 yrs PT		V or D
<b>Diploma of Screen and Media CUA51015 specialising in Sports Media [H] <b>NEW!</b></b> Benefit from our unique partnership with Richmond Football Club and take a focused approach towards a career in the sports media industry. With access to an elite Melbourne sporting club, you will build the skills essential to developing high quality digital content with practical outcomes, and be well placed for employment in the sports industry. This course includes an internship. <b>Career opportunities:</b> Sports journalist, social media coordinator, video/podcast producer, project manager, campaign manager, media manager.	RC	1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants will also be required to present a folio of work and attend an interview.	D
<b>MEDIA AND COMMUNICATION</b>				
<b>Bachelor of Media and Communication (Professional) [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication [H]</b> Prepare for a career in the media, communications and multimedia industries with this broad and practical course. 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. Develop professional communication skills. The advertising major is professionally accredited by the Media Federation of Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Marketing and sales professional, media officer, public relations officer, advertising consultant, journalist, writer.	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Media and Communication/Bachelor of Business [H]</b> Learn how to think critically and to develop problem-solving skills, research issues and analyse information. Gain an understanding of media and media production, public relations and the impact of design on these specialised areas of communication. Professional accreditation: See Bachelor of Business (page 43) and Bachelor of Media and Communication. <b>Career opportunities:</b> Entrepreneur, business manager, brand strategist, social media coordinator, digital content producer, marketing and sales professional, public relations specialist, communications adviser, advertising executive, business journalist.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>Bachelor of Design/Bachelor of Media and Communication [H]</b> Gain valuable skills in design principles, and develop your technical aptitude and production abilities using the latest technologies. Learn to apply these skills to improve communication outcomes for organisations and individuals. Choose from a wide range of media and communication majors along with design majors including branded environments, communication design, digital media design, photomedia, and UX interaction design. Professional accreditation: See Bachelor of Media and Communication. <b>Career opportunities:</b> Communications designer, exhibition designer, graphic designer, multimedia developer, advertising consultant, marketing and sales professional, public relations officer, media planner, brand strategist, digital content producer, creative agency account manager, UI/UX designer.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in one of Art, Interactive Digital Media C, Media, Product Design and Technology, Studio Arts or Visual Communication Design	V or D
<b>Bachelor of Health Science/Bachelor of Media and Communication [H]</b> Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain knowledge 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. Professional accreditation: See Bachelor of Health Science (page 81) and Bachelor of Media and Communication. <b>Career opportunities:</b> Medical researcher, psychologist, data scientist, biomedical scientist, health communicator, public relations officer, advertising consultant, journalist, journal editor.	60	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Laws/Bachelor of Media and Communication [H]</b> Examine how media and technology are rapidly transforming the way we communicate. Learn media production skills and examine issues such as media ownership, control of the media and the impact of media on society. Combine this with an understanding of the law, in particular, on commercial and intellectual property law. Explore competition law, copyright, the prohibition of misleading or deceptive conduct, and trademarks. Professional accreditation: See Bachelor of Media and Communication and Bachelor of Laws (page 94). <b>Career opportunities:</b> Lawyer, solicitor, legal adviser, public relations manager, corporate communications manager, journalist, professional writer, business development manager.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Arts and Communication (UniLink) [H]</b> This higher education diploma provides an alternative pathway into the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers. Complete units in communication skills, sociology, marketing and critical thinking.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL)	V or D

## MEDIA INDUSTRIES

<b>Bachelor of Media and Communication (Professional) with a major in Media Industries [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Media Industries [H]</b> Develop the knowledge and skills needed to understand and prepare for roles in the media environment. Gain experience in making connections with industry. Also see Arts and Humanities (page 25). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Public relations officer, advertising consultant, journalist, communications coordinator, content developer, media policy developer, radio production coordinator, digital media account manager.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D



# Media and Communication

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COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>PROFESSIONAL WRITING AND EDITING</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Professional Writing and Editing [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Professional Writing and Editing [H]</b> Gain an understanding of industry laws and regulations, as well as writing and editing skills for novels, non-fiction, creative fiction, scripts, screenwriting, advertising and the web. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Journalist, publisher, writer, editor, communications officer, reporter, public relations officer, novelist, screenwriter, copywriter.	60	3 yrs FT/6 yrs PT		V or D
<b>Diploma of Professional Writing and Editing 22091VIC [H]</b>		1 yr FT	Certificate IV in Professional Writing and Editing or equivalent, or industry experience	V or D
Learn about industry laws and regulations, gain skills in designing and developing text documents, and learn how to write and edit for novels, short stories, popular fiction, children's books and the web. <b>Career opportunities:</b> Journalist, publisher, writer, editor, public relations officer.				
<b>Certificate IV in Professional Writing and Editing 22203VIC [H]</b>		1 yr FT	Satisfactory completion of Victorian Year 12. Applicants must present a folio of work and attend an interview.	V or D
Gain skills in writing and editing for employment or further study. Develop awareness of industry standards and demands, and gain knowledge of the markets available to professional writers and editors. <b>Career opportunities:</b> Journalist, writer, editor, proofreader.				
<b>PUBLIC RELATIONS</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Public Relations [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Public Relations [H]</b>	60	3 yrs FT/6 yrs PT		V or D
<b>Bachelor of Media and Communication with a major in Public Relations [O]</b>	60	3 yrs FT/6 yrs PT		D
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. This degree is professionally accredited by the Public Relations Institute of Australia. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Public relations officer, event manager, marketing manager, brand manager, project manager, advertising consultant, promotions officer, media relations coordinator, community manager.				
<b>SOCIAL MEDIA</b>				
<b>Bachelor of Media and Communication (Professional) with a major in Social Media [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Media and Communication with a major in Social Media [H]</b>	60	3 yrs FT/6 yrs PT		V or D
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. Also see Arts and Humanities (page 25). <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Digital advertising specialist, social media officer, journalist, writer, editor, communications officer, content creator, social media producer, digital marketer.				
<b>SPORTS MEDIA</b>				
<b>Diploma of Screen and Media CUA51015 specialising in Sports Media [H] <b>NEW!</b></b>	RC	18 mths FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants will also be required to attend an interview.	V or D
Develop the skills and knowledge to produce sports content for the screen and media industries. Gain skills in sports journalism, writing, commentary, media management, social media, photography, and audio and video production. Benefit from Swinburne's partnership with Richmond Football Club and get access to facilities at Swinburne Centre, Punt Road. You'll have the opportunity to become immersed in the club and produce digital content for their website during your studies. <b>Career opportunities:</b> Sports journalist, sports commentator, sports writer, sports researcher/programmer, sports public relations writer or a multimedia/digital content producer within sports marketing and media.				

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Nursing

The demands on nurses are changing. In our innovative nursing courses, including our new Bachelor of Nursing, you'll learn how to approach problems, have patient-centred focus, be resilient and develop the skills to adapt to new technologies.

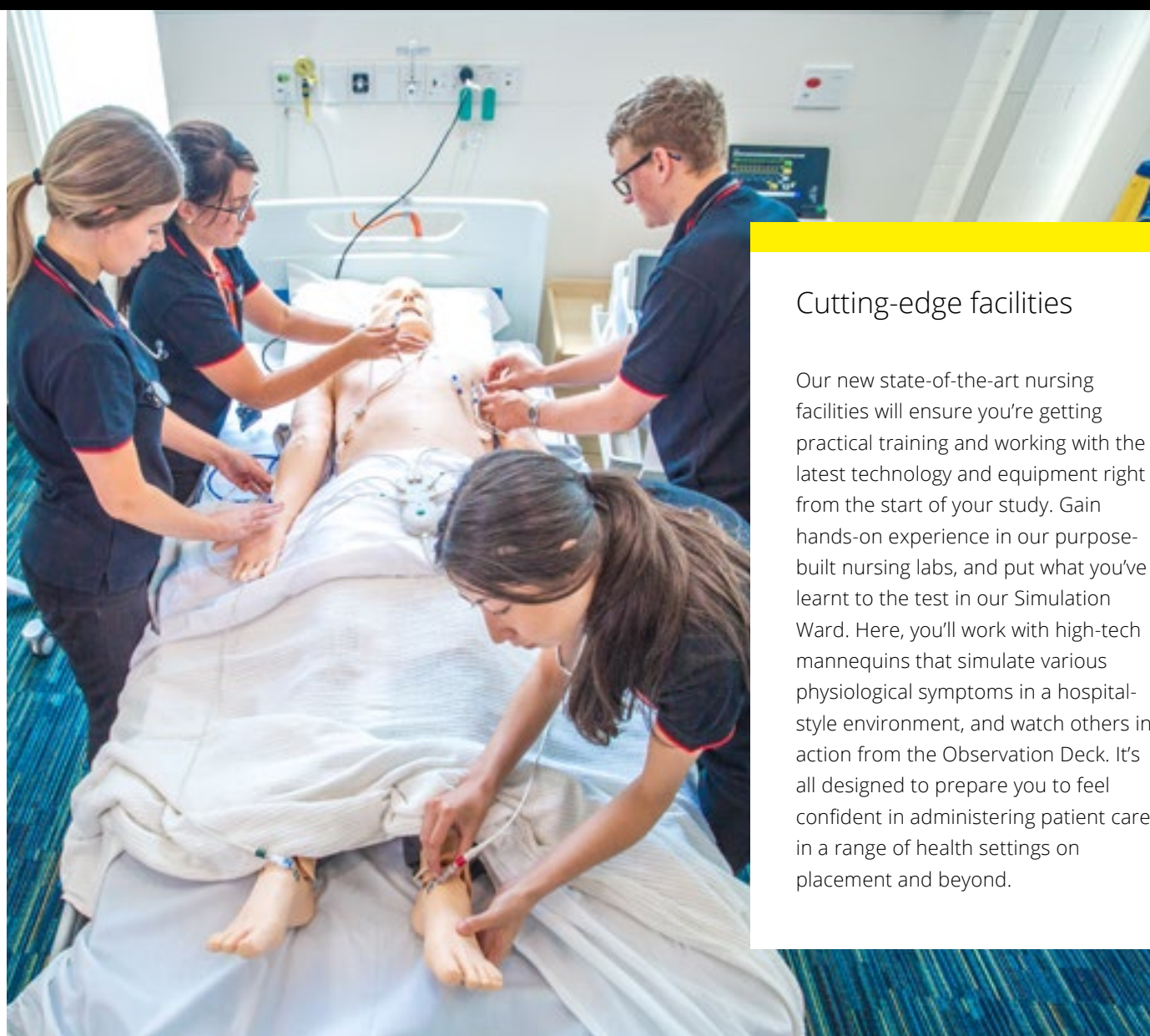
Learn in our cutting-edge facilities that mimic hospital settings, then put your skills into practice working alongside a registered nurse during your required placements.

## MODERN TEACHING

Learn through a mix of online and face-to-face lectures and tutorials, clinical lab work, small class sizes and elective projects.

## HANDS-ON

IN OUR BACHELOR OF NURSING YOU'LL COMPLETE 800 HOURS OF CLINICAL PLACEMENT



## 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.

# Nursing

\* **GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>NURSING</b>				
<b>Bachelor of Nursing [H]</b> 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. 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 (APHRA) website. Students are required to have a valid police check and working with children check. All enrolled students must maintain a current working with children check (from the appropriate State Authority) and a current police check throughout the duration of the course. Evidence of a completed adult vaccination program is required before clinical placements are undertaken. <b>Career opportunities:</b> Registered nurse.	65	3 yrs FT/6yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Diploma of Nursing HLT54115 [W]</b> Build the essential skills and knowledge required to work under the supervision of a registered nurse in a variety of healthcare settings. Learn to implement basic nursing care, assess clients' health and analyse health-related information. Also learn how to administer and monitor medication care for older clients, acute-care clients and people with mental health conditions. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Enrolled nurse.		1.5 yrs FT	VCE Units 3 and 4, with a minimum study score of 20 for English, or 25 in EAL, and satisfactory score for Units 1 and 2 in Maths <b>OR</b> ACSF Exit Level 3 (working at Level 4), or above, in both Reading and Numeracy as determined at a supervised BKSB testing session conducted at Swinburne <b>AND</b> Demonstrated English language skills to the level specified by the Nursing and Midwifery Board of Australia. See course webpage for more.	V or D
<b>Certificate IV in Disability CHC43115 [H] [W]</b> Gain the skills and knowledge to work effectively with people with disabilities in a range of services. Learn how to develop and implement programs that empower people with disabilities to achieve greater levels of independence, self-reliance and wellbeing. Become equipped with the skills to work in residential group homes, training resource centres, day respite centres, other community settings and clients' homes. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Residential care officer, disability support officer, personal care assistant, social educator.		1 yr FT	Satisfactory completion of Year 12 or equivalent. Applicants must be at least 17 years of age.	V or D
<b>Certificate III in Individual Support (Ageing, Home and Community) CHC33015 [W]</b> Learn how to work with healthcare professionals such as nurses, physiotherapists, occupational therapists, and community and disability workers to support and provide personalised care to individuals. The course also includes a clinical work placement. Students are required to have a valid police check and working with children check. <b>Career opportunities:</b> Community worker, disability worker, aged care worker.		6 mths FT	Entry into this program is based on an applicant's study and/or relevant work history	D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Psychology

What makes us tick? Explore human nature with our psychology courses which combine theory with practical skills. You'll uncover the secrets to the human brain in order to understand what motivates action and behaviours.

You could go on to a career in forensic psychology, clinical practice, counselling, human resources, marketing, journalism, policy development and more.

PSYCHOLOGY AT A GLANCE			
UNIT TYPES	Core	Major	Elective
<b>Bachelor of Psychological Sciences</b>	4	8	12
<b>Bachelor of Psychology (Honours)</b>	4	15	13
<b>Bachelor of Health Science</b>	8	8	8
<ul style="list-style-type: none"> <li>Psychology and Forensic Science</li> <li>Psychology and Psychophysiology</li> </ul>			

## PROFESSIONAL RECOGNITION

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



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.
HIGHEST STARTING SALARY IN VIC	\$2,000 MORE THAN OTHER PSYCH GRADS QILT Destinations Survey 2015 and QILT graduate outcomes survey 2016-2017.





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*I chose Swinburne for the professional placement component and I'm currently doing mine at NAB. It's given me a foot in the door of the industry and exposed me to coding languages I wouldn't have learnt through other psychology degrees. Statistics can be applied to many industries – I'm doing a forensic psychology degree and studying statistics but I'm working in marketing at a bank! Those worlds don't seem like they should go together but, if you have a closer look, there are statisticians and analysts in every major corporation.*

Jessica Pan

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**STUDYING BACHELOR OF HEALTH  
SCIENCE (FORENSIC PSYCHOLOGY)**

# Psychology

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>PSYCHOLOGICAL SCIENCES</b>				
<b>Bachelor of Psychological Sciences [H]</b>	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>Bachelor of Psychological Sciences [O]</b> 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. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Career opportunities:</b> Psychologist (with further study), social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	D
<b>Bachelor of Psychology (Honours) [H]</b> Attend postgraduate-level presentations and workshops, and participate in research projects. 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. The four-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Career opportunities:</b> Psychologist (with further study), social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer.	85	4 yrs FT /8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>PSYCHOLOGY AND FORENSIC SCIENCE</b>				
<b>Bachelor of Health Science (Professional) with a major in Psychology and Forensic Science [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Health Science with a major in Psychology and Forensic Science [H]</b> Gain specialist knowledge about the application of psychology to aspects of the law, the justice system and forensic science, as well as statistical skills relevant to forensic issues. Complete research projects, specialist units in research design and project units related to forensic psychology. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Professional placement:</b> The Bachelor of Health Science (Professional) includes a 12-month work placement. <b>Career opportunities:</b> Psychologist (with further study), forensic psychologist, behavioural therapist, medical researcher, counsellor, youth worker.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D
<b>PSYCHOLOGY AND PSYCHOPHYSIOLOGY</b>				
<b>Bachelor of Health Science (Professional) with a major in Psychology and Psychophysiology [H]</b>	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V
<b>Bachelor of Health Science with a major in Psychology and Psychophysiology [H]</b> Gain a broad introduction to a range of relevant studies in psychology, including cognition, developmental psychology, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. Learn about physiological processes relevant to the study of psychology and address neuroanatomy; neurophysiology; physiological responses to sleep, dreaming, memory and cognition; and brain disorders. The three-year undergraduate major in psychology is professionally accredited by the Australian Psychology Accreditation Council. <b>Professional placement:</b> The Bachelor of Health Science (Professional) includes a 12-month work placement. <b>Career opportunities:</b> Psychologist (with further study), psychophysiology, scientist, technologist.	60	3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna




# Science

Be in your element with our science courses. You'll focus on practical learning as well as research thanks to our state-of-the-art laboratories and extensive connections with national and international industries and researchers.

The scientific mindset can be applied to many fields, equipping you with the problem-solving skills required to make real change in a range of professions.

The big question is where will you take them?

## SCIENCE AT A GLANCE

UNIT TYPES  Core  Major  Elective

### Bachelor of Science

 8  8  8

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

### Certificates and diplomas in

- Laboratory Technology
- Science

## 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:

- AusBiotech
- Australian and New Zealand Industrial and Applied Mathematics
- Australian Mathematical Society
- Australian Society for Biochemistry and Molecular Biology (ASBMB)
- Australian Society for Microbiology (ASM)
- Australian Sustainable Built Environment Council (ASBEC)
- Environmental Health Australia
- Environmental Institute of Australia
- Genetics Society of AustralAsia (GSA)
- National Business Leaders Forum for Sustainable Development
- Professionals Australia
- Royal Australian Chemical Institute (RACI)
- Sustainability Practitioners Association (SPA)

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

## MASS APPEAL

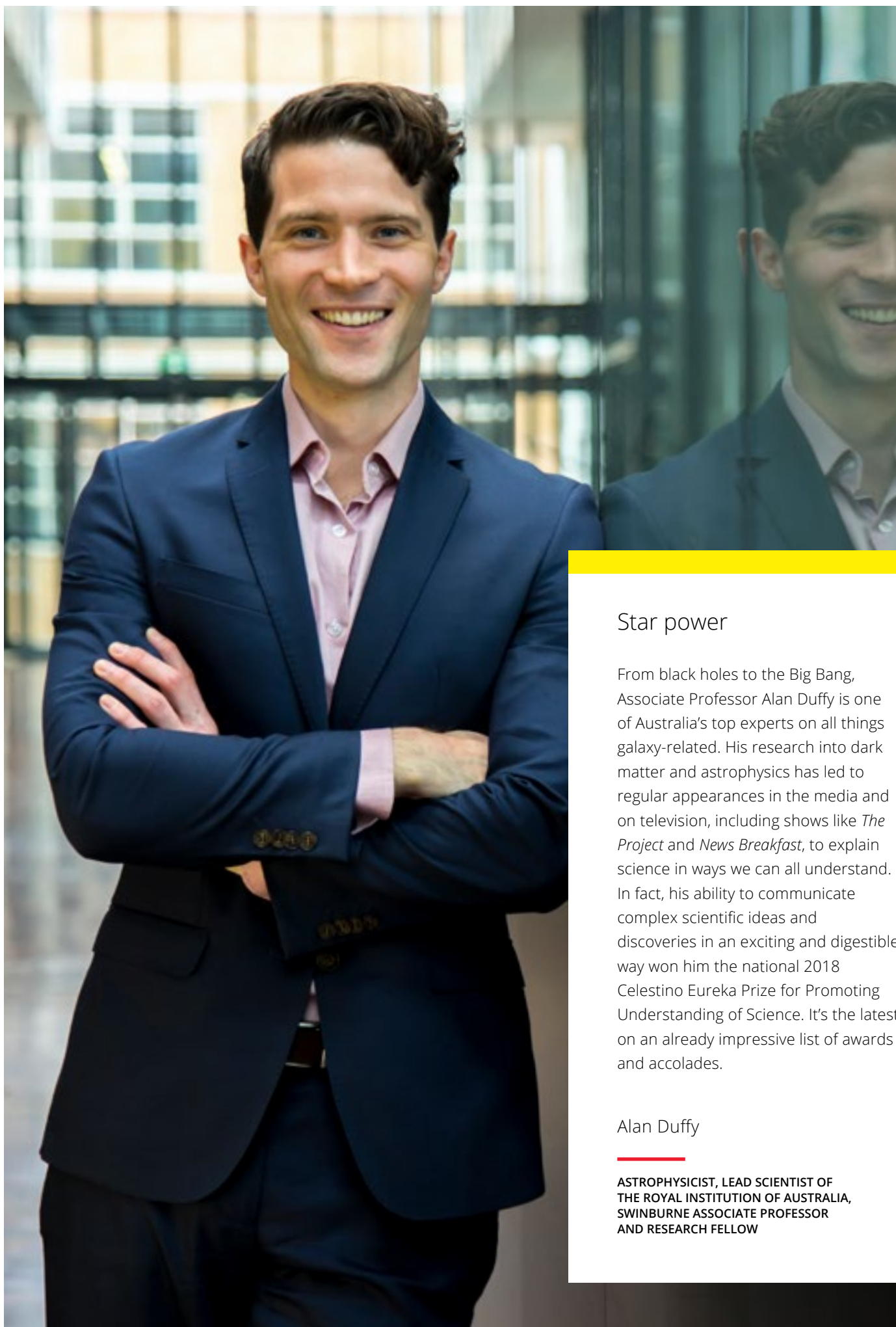
WE'RE RANKED IN THE TOP 450 WORLDWIDE FOR PHYSICS

## GROUND-BREAKING RESEARCH

Swinburne leads OzGrav, the \$31.3 million ARC Centre of Excellence for Gravitational Wave Discovery.

## HOME TO OZSTAR

The \$4 million supercomputer has a performance peak of 1.2 petaflops and is used by Swinburne-based OzGrav.



## 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 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 exciting and digestible way won him the national 2018 Celestino Eureka Prize for Promoting Understanding of Science. It's the latest on an already impressive list of awards and accolades.

Alan Duffy

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**ASTROPHYSICIST, LEAD SCIENTIST OF  
THE ROYAL INSTITUTION OF AUSTRALIA,  
SWINBURNE ASSOCIATE PROFESSOR  
AND RESEARCH FELLOW**



# Science

**\* GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
APPLIED MATHEMATICS				
Bachelor of Science (Professional) with a major in Applied Mathematics [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V
Bachelor of Science with a major in Applied Mathematics [H]	70	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Data analyst, quantitative analyst, mathematical modeller, scientific programmer, actuary, meteorologist and climate modeller.				
BIOCHEMISTRY				
Bachelor of Science (Professional) with a major in Biochemistry [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V
Bachelor of Science with a major in Biochemistry [H]	70	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Medical researcher, clinical biochemist, diagnostic laboratory scientist, pathology scientist, research assistant, research and development scientist.				
BIOTECHNOLOGY				
Bachelor of Science (Professional) with a major in Biotechnology [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V
Bachelor of Science with a major in Biotechnology [H]	70	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Medical researcher, clinical biochemist, diagnostic laboratory scientist, pharmaceutical scientist, forensic scientist.				
CHEMISTRY				
Bachelor of Science (Professional) with a major in Chemistry [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V
Bachelor of Science with a major in Chemistry [H]	70	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Medical researcher, clinical biochemist, diagnostic laboratory scientist, food/beverage production technician, pharmaceutical scientist.				
ENVIRONMENTAL SCIENCE				
Bachelor of Science (Professional) with a major in Environmental Science [H]	80	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V
Bachelor of Science with a major in Environmental Science [H]	70	3 yrs FT/6 yrs PT		V or D
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.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: Environmental sustainability scientist, sustainability analyst, water quality expert, plant and animal breeder, environmental analyst.				

COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>LABORATORY TECHNOLOGY</b>				
<b>Diploma of Laboratory Technology MSL50118 with streams in Biotechnology and Pathology [H]</b> Gain a scientific education with a strong emphasis on the development of practical laboratory skills for the biotechnology, forensic science and pathology testing industries. <b>Career opportunities:</b> Forensic science officer, laboratory technician, research assistant.		1 yr FT/2 yrs PT	Satisfactory completion of Certificate IV in Laboratory Techniques (MSL40118)	V or D
<b>Certificate IV in Laboratory Techniques MSL40118 [H]</b> Gain a scientific and technical education with a strong emphasis on the development of practical skills for the biosciences workplace. Become competent in meeting the technological and administrative demands of laboratory work. <b>Career opportunities:</b> Laboratory technician, instrument operator.		1 yr FT/2 yrs PT	Satisfactory completion of Year 11 or equivalent. Applicants will need to demonstrate literacy and numeracy competencies.	V or D
<b>PHYSICS</b>				
<b>Bachelor of Science (Professional) with a major in Physics [H]</b> <b>Bachelor of Science with a major in Physics [H]</b> Gain fundamental knowledge of classical and modern physics, astrophysics and the physics of nanoscience and technology, as well as hands-on experience in experimental physics. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Astrophysicist, renewable energy specialist, statistician, financial analyst, meteorologist, climate modeller, physicist.	80 70	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V V or D
<b>SCIENCE</b>				
<b>Bachelor of Science (Professional) [H]</b> <b>Bachelor of Science [H]</b> 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. A distinctive feature of the course is the practical application of knowledge through project-based units of study. <b>Professional degree:</b> This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. <b>Career opportunities:</b> Physicist, biologist, industrial chemist, food technologist, environmental scientist, laboratory technician, scientist.	80 70	4 yrs FT/8 yrs PT 3 yrs FT/6 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V V or D
<b>Bachelor of Arts/Bachelor of Science [H]</b> Learn to solve problems with a scientific mindset while building your awareness of contemporary society, communication and culture. This degree will prepare you for a career with global opportunities. Science majors include applied mathematics, physics, chemistry, biochemistry, biotechnology and environmental science. Arts majors include politics and international relations, sociology, languages, criminology, journalism, philosophy, media industries and more. Professional accreditation: See Bachelor of Arts (page 26). <b>Career opportunities:</b> Physicist, biologist, industrial chemist, food technologist, environmental scientist, laboratory technician, scientist, science journalist, political analyst, policy researcher and adviser, science communication specialist.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Education (Secondary)/Bachelor of Science [H]</b> Gain a teaching qualification with the ability to teach science disciplines. Engage in innovative approaches to teaching and learning in a secondary school, as well as the ability to reflect on the social, ethical and professional expectations that the rise of technology brings to the classroom and the nature of learning. All students will be required to obtain a valid police check and working with children check prior to industry placement, as per industry requirements. Professional accreditation: See Bachelor of Education (Secondary) (page 60). <b>Career opportunities:</b> Secondary school teacher.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D

# Science

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COURSE	GUARANTEED ATAR*	DURATION	PREREQUISITES	APPLY
<b>SCIENCE (CONTINUED)</b>				
<b>Bachelor of Engineering (Honours)/Bachelor of Science [H]</b> Build your understanding of scientific principles and use this knowledge to design engineering solutions that help society. Undertake at least 12 weeks of relevant professional experience. Professional accreditation: See Bachelor of Engineering (Honours) (page 65). <b>Career opportunities:</b> Communications engineer, civil infrastructure engineer, biologist, industrial chemist, food technologist, environmental scientist.	75	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in Mathematical Methods or Specialist Mathematics	V or D
<b>Bachelor of Laws/Bachelor of Science [H]</b> Specialise in innovation and discovery by combining science with law. Learn about commercial law with an emphasis on intellectual property, and gain scientific skills from your choice of science major. Choose from: applied mathematics, biochemistry, biotechnology, chemistry, environmental science and physics. Professional accreditation: See Bachelor of Laws (page 94). <b>Career opportunities:</b> Lawyer, environmental lawyer, corporate counsellor, scientist, forensic science technician, crime science officer, compliance and regulation manager, researcher, policy researcher/analyst.	90	5 yrs FT/10 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Bachelor of Health Science/Bachelor of Science [H]</b> Explore Australian and international health challenges. Examine the physical, psychological and social aspects of health in a variety of settings. Gain skills, knowledge and key theoretical insights required to work in a range of professional scientific environments. Professional accreditation: See Bachelor of Health Science (page 81). <b>Career opportunities:</b> Medical researcher, psychologist, data scientist, biomedical scientist, physical therapist, food scientist, biologist, industrial chemist, food technologist, environmental scientist.	70	4 yrs FT/8 yrs PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Diploma of Science (UniLink) [H]</b> This higher education diploma provides an alternative pathway to the second year of a bachelor degree. The units are similar to those offered in the first year of a bachelor degree, but classes are smaller and students have more one-on-one time with teachers.		8 mths FT 16 mths PT	Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL); and Units 3 and 4: a minimum study score of 20 in any Mathematics	V or D
<b>Certificate IV in Science 22442VIC [H]</b> Gain skills in mathematics, science, research and communication. These skills can help students to undertake further study, fulfil career aspirations or improve employment opportunities. <b>Career opportunities:</b> Laboratory assistant.		1 yr FT/2 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply	V or D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Apprenticeships

We've been offering TAFE qualifications for more than 100 years (so, we really know our stuff.) Learn and earn your way towards a nationally recognised qualification with apprenticeships in building and construction, electronics, horticulture and more.

Don't want to commit straight away? Our pre-apprenticeships are a great way to sample an industry and get both feet in the door for an apprenticeship.

## BEST HOMES AND GARDENS

Swinburne students won five awards at the 2018 Melbourne International Flower and Garden Show, including a gold medal for 'Creative Use Of Space'.

## AWARD-WINNERS

Our students are regularly recognised with prestigious industry awards, including Apprentice of The Year.

## Trading stereotypes

Aimee probably isn't what you picture when you think 'tradie'. But the Certificate II in Plumbing graduate is one of a growing number of female tradies changing an outdated perception. Having always enjoyed working with her hands, the former beauty therapy student discovered her passion during a day on the tools with her dad. "Having a trade under your belt opens so many doors. It's a great time to start as the industry is booming," she says.

Aimee Stanton

STUDIED CERTIFICATE II IN PLUMBING





# Apprenticeships

\* **GUARANTEED ENTRY ATAR** An offer is guaranteed to students who achieve this ATAR providing all other prerequisites are met. ATARs below the guaranteed entry ATAR will be considered.

COURSE	DURATION	PREREQUISITES	APPLY
<b>BUILDING AND CONSTRUCTION</b>			
<b>Advanced Diploma of Building Design (Architectural) 22477VIC [C] [H]</b> Learn about building theory and practice to design and develop drawings for residential, industrial and commercial buildings. Develop specialist skills and knowledge in design, problem-solving, construction technology, building information modelling (BIM), computer-aided drafting, virtual and augmented reality and project administration. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building design practitioner. <b>Career opportunities:</b> Building designer and planner, drafting technician.	2 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer	V or D
<b>Diploma of Building and Construction (Building) CPC50210 [H]</b> Learn about building theory and practice related to managing and supervising the construction of residential, industrial and commercial buildings. Develop skills and knowledge in reading plans, estimating, scheduling, construction technology, site supervision, surveying, contracts and business management. This course meets the academic requirement for application to the Victorian Building Authority to become a registered building practitioner. <b>Career opportunities:</b> Builder, building manager, estimator, foreperson, project manager, site manager.	1.5 yrs FT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building supervisor	V or D
<b>Certificate IV in Building and Construction (Building) CPC40110 [C]</b> Learn the theory and practice needed to construct residential building projects. Gain skills and knowledge to read plans, work safely, estimate, schedule, prepare a tender and supervise construction works. <b>Career opportunities:</b> Builder, construction manager, trade contractor.	5 mths PT	Relevant construction industry experience, or undertaking an apprenticeship in the building industry	D
<b>Certificate III in Bricklaying/Blocklaying CPC30111 – Apprenticeship [C]</b> Learn how to construct housing and undertake general bricklaying work for residential and commercial applications. <b>Career opportunities:</b> Bricklayer, blocklayer.	3 yrs PT	At least 15 years of age and/or completed Year 10; and apprenticed to an employer	D
<b>Certificate III in Carpentry CPC30211 – Apprenticeship [C]</b> Learn about residential and commercial construction, safety, demolition, drawing, frameworks, hand and power tools, and small plant and equipment. <b>Career opportunities:</b> Carpenter, carpenter and joiner.	3 yrs PT	At least 15 years of age and apprenticed to an employer	D
<b>Certificate II in Building and Construction Pre-apprenticeship 22338VIC – Carpentry [C]</b> Learn how to use hand and power tools, learn about small plant and equipment, and gain an understanding of building plans and documents. <b>Career opportunities:</b> Apprentice carpenter and joiner.	12 wks FT	Satisfactory completion of Year 10 or equivalent	D
<b>Certificate II in Building and Construction Pre-apprenticeship 22338VIC – Bricklaying [C]</b> Learn about bricklaying hand tools and selected power tools. Gain the practical skills in brick construction processes employers are looking for. <b>Career opportunities:</b> Apprentice bricklayer.	12 wks FT	Satisfactory completion of Year 10 or equivalent, or relevant work experience	D
<b>CONSERVATION AND LAND MANAGEMENT</b>			
<b>Diploma of Conservation and Land Management AHC51116 [W]</b> Gain a broad knowledge of environmental science and develop management strategies for the sustainable use of our resources. Learn about surveying fauna and flora, waterway testing and restoration, cultural resource management, ecological fire management, erosion and sediment control, project management and community engagement. <b>Career opportunities:</b> Conservationist, park ranger.	1.5 yrs FT 2 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, relevant work experience	V or D
<b>Certificate III in Conservation and Land Management AHC31416 [W]</b> Get skills and knowledge relevant to the conservation and land management industry. Participate in industry-focused field-based training to gain skills for outdoor work at trade level. <b>Career opportunities:</b> Conservationist, park ranger.	1.5 yrs PT	Applicants must be 15 years or over and have appropriate numeracy and literacy skills	D

COURSE	DURATION	PREREQUISITES	APPLY
<b>ELECTRICAL</b>			
<b>Certificate III in Electronics and Communications UEE30911 – Apprenticeship [H]</b> Gain a broad background in electronics, with an emphasis on digital technology, gate array technologies and the application of microcontrollers, communications and analogue electronics. Learn how to commission, test, evaluate and diagnose faults in electronic systems and associated apparatus. <b>Career opportunities:</b> Electrician, tradesperson, telecommunications technician.	4 yrs PT	Satisfactory completion of Year 11 or equivalent	D
<b>Certificate III in Electrotechnology Electrician UEE30811 – Apprenticeship [W]</b> Designed for people who are employed as electrical apprentices. Complete practical and theory units to develop the necessary skills and knowledge to work at trade level in the electrical industry. <b>Career opportunities:</b> Electrician, tradesperson, telecommunications technician.	4 yrs PT	At least 17 years of age and apprenticed to an employer	D
<b>Certificate II in Electrotechnology (Career Start) UEE22011 – Pre-apprenticeship [W]</b> Gain knowledge and employability skills relevant to the electrical trade. Students who successfully complete the course will gain credit towards the four-year TAFE component of the Certificate III in Electrotechnology Electrician course undertaken by apprentice electricians. <b>Career opportunities:</b> Apprentice electrician, trainee telecommunications technician.	10 wks FT	None	D
<b>ENGINEERING</b>			
<b>Certificate IV in Engineering MEM40105 with streams in CNC Machining, Maintenance Fluid Power and Welding [W]</b> Develop skills to advance to positions of responsibility in manufacturing industries. Select one specialisation from the three available: CNC Machining, Maintenance Fluid Power and Welding. <b>Career opportunities:</b> Advanced mechanical maintenance technician, advanced toolmaker, fluid power systems technician, advanced welder.	2yrs FT/4 yrs PT	Successful completion of Year 12 and/or successful completion of a welding or fitting and machining apprenticeship, or Certificate III in Engineering, or working in a mechanically related trade	D
<b>Certificate III in Engineering – Fabrication Trade MEM30305 – Apprenticeship [W]</b> Gain skills in engineering drawing, fabrication, hand and power tools, sheet metal and welding. <b>Career opportunities:</b> Mechanic, tool and die maker, toolmaker, boilermaker, welder.	3 yrs PT	At least 15 years of age and apprenticed to an employer	D
<b>Certificate III in Engineering – Mechanical Trade MEM30205 – Apprenticeship [W]</b> Learn about engineering drawing, hand and power tools and measuring equipment, operating computer-controlled machines, performing general machining, performing routine sharpening of tools and welding. <b>Career opportunities:</b> Maintenance Fitter, toolmaker, tool and die maker, first class machinist.	3 yrs PT	At least 15 years of age and apprenticed to an employer	D
<b>HORTICULTURE AND LANDSCAPE</b>			
<b>Diploma of Horticulture AHC50416 [W]</b> Learn about plant nutrition, plant health, propagation and recognition of plants, landscape design, products and services, and business management and administration. <b>Career opportunities:</b> Nursery manager, landscape designer, parks and gardens manager, horticultural consultant, landscaper, garden centre operator.	2 yrs FT/4 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Diploma of Landscape Design AHC50616 [W]</b> Combine visual and creative skills with practical and technical aspects of landscape, permaculture, business and planting design. This course is for those who seek a career as a landscape designer or those who are involved in a horticulture or landscape business and wish to upgrade their professional skills and knowledge. <b>Career opportunities:</b> Landscape designer.	1.5 yrs FT 3 yrs PT	Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience	V or D
<b>Certificate III in Horticulture AHC30716 [W]</b> Gain skills and knowledge to meet the needs of various sectors in the horticulture industry. Choose from streams in nursery, parks and gardens, or landscape construction. Available as a traineeship. <b>Career opportunities:</b> Gardener, grounds keeper, garden maintenance worker.	1 yr FT/2 yrs PT	Applicants must be 15 years or over and have appropriate numeracy and literacy skills	D
<b>Certificate III in Landscape Construction AHC30916 – Apprenticeship [W]</b> Learn about concrete/brick/block/stone structures and features, drainage systems, paving and retaining wall projects, plants and their culture, and soil profiles. <b>Career opportunities:</b> Landscape gardener.	4 yrs PT	Satisfactory completion of Victorian Year 10 or equivalent and apprenticed to an employer	D

# Apprenticeships

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COURSE	DURATION	PREREQUISITES	APPLY
<b>HORTICULTURE AND LANDSCAPE (CONTINUED)</b>			
<b>Certificate III in Parks and Gardens AHC31016 – Apprenticeship [W]</b> Gain skills in advising on plants and plant products, machinery and equipment, propagation, recognising plants, and soil and plant nutrition. <b>Career opportunities:</b> Production nursery tradesperson.	3 yrs PT	At least 15 years of age and apprenticed to an employer	D
<b>Certificate III in Production Nursery AHC31116 – Apprenticeship [W]</b> Gain skills in advising on plants and plant products, machinery and equipment, propagation, recognising plants, and soil and plant nutrition. <b>Career opportunities:</b> Production nursery tradesperson.	4 yrs PT	At least 15 years of age	D
<b>Certificate III in Retail Nursery AHC31216 – Apprenticeship [W]</b> Learn how to operate successfully in the horticulture industry. Gain theory and practical training based around a real nursery environment. <b>Career opportunities:</b> Nursery sales assistant, garden centre sales assistant.	3 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	D
<b>Certificate III in Rural Operations AHC32816 [W]</b> Gain training, skills and knowledge relevant to the agriculture, horticulture, conservation and land management industries. Available as a traineeship. <b>Career opportunities:</b> Local government consultant, site inspector, tour leader, environmental consultant.	1.5 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	D
<b>Certificate II in Landscaping AHC21616 [W]</b> Acquire skills and knowledge in basic horticulture, landscape construction and the use of powered and non-powered tools, machinery and equipment. <b>Career opportunities:</b> Landscape labourer, construction labourer.	6 mths FT 1 yrs PT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	D
<b>PLUMBING</b>			
<b>Certificate IV in Plumbing and Services CPC40912 [C]</b> Become equipped with the skills and knowledge to sit the Plumbing Industry Commission's Licence-level exams. <b>Career opportunities:</b> Air conditioning technician, fire services supervisor, plumbing contractor, specialist hydraulic designer.	2 yrs PT	Applicants must have successfully completed one of the following corresponding streams from the Certificate III in Plumbing: Gas; Drainage; Sanitary; Roof; Water; Mechanical	D
<b>Certificate III in Plumbing CPC32413 – Apprenticeship [C]</b> Learn about gas installation, hand and power tools, roofing water supply, sanitation and drainage, and scaffolding. <b>Career opportunities:</b> Plumber, plumber and drainer, plumber and gasfitter, roof plumber.	4 yrs PT	At least 15 years of age and apprenticed to an employer or a referral from the Plumbing Industry Commission of Victoria	D
<b>Certificate II in Plumbing (Pre-apprenticeship) 22304VIC [C]</b> Learn about building structures; plumbing fixtures, fittings and appliances; tubes and pipes in plumbing; and workplace safety and environmental procedures. Available as a pre-apprenticeship. <b>Career opportunities:</b> Apprentice plumber.	10 wks FT	Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.	D

**KEY** C Croydon | EV External venue | D Direct | FT Full-time | H Hawthorn | N/A Not applicable | O Online | PT Part-time | RC Range of criteria | V VTAC | W Wantirna

# Foundation skills for work and study

## Gain lifelong skills for work and study

Swinburne offers programs for students who have had little formal education. They are also helpful for anyone from a non-English speaking background.

Courses are available in a range of areas and at a variety of levels. They will improve your confidence and help you prepare for further education. They can also improve your employment opportunities.

Swinburne foundation skills courses can help you with:

- reading and writing English
- speaking and listening skills
- maths skills
- career planning
- foundation computer skills
- progressing to higher levels of study.



Students in Swinburne's Young Mums Program

### Empowering young mothers

The Young Mums Victorian Certificate of Applied Learning Program provides an opportunity for mothers aged between 15 and 20 to finish secondary school and enter vocational education. The course teaches numeracy, literacy, personal development and work-related skills.



# Foundation skills for work and study

COURSE	DURATION	PREREQUISITES	APPLY
<b>BRIDGING COURSES</b>			
<b>Marketing and Communication Foundations Skill Set BSBSS00077 [H]</b> Gain a sound basis of marketing and communication, presentation and debate. Learn how to effectively articulate ideas, apply digital solutions to work processes and develop skills to work in the marketing and communication industry.	6 wks FT	Applicants may enter at a range of skill levels, but must be able to speak English	D
<b>VCE Maths Link: Further [O]</b> Further Mathematics is a prerequisite for many degrees in aviation, education, health science, information technology and science. This bridging program is designed to help students who have not studied Units 3 and 4 Further Mathematics to meet the prerequisites for entry into their chosen course.	7 wks FT	Successful completion of any mathematics Units 1 and 2 subject	D
<b>VCE Maths Link: Methods [O]</b> Mathematical Methods is a prerequisite for many degrees in aviation and engineering. This bridging program is designed to help students who have not studied Units 3 and 4 Mathematical Methods to meet the prerequisites for entry into their chosen course.	7 wks FT	Successful completion of Units 1 and 2 Mathematical Methods	D
<b>ENGLISH AS A SECOND LANGUAGE</b>			
<b>Certificate IV in EAL (Further Study) 22492VIC [H]</b> Develop upper-intermediate to advanced levels of English in listening, speaking, reading and writing. Undertake electives related to the Australian workplace or further study.	1 yr FT/2 yrs PT	English is not the first language spoken	D
<b>Certificate III in EAL (Access) 22486VIC [C] [H] [W]</b> Develop intermediate to upper-intermediate levels of English in listening, speaking, reading and writing. Undertake electives related to the Australian workplace or further study.	1 yr FT/2 yrs PT	English is not the first language spoken	D
<b>Certificate II in EAL (Access) 22485VIC [C] [H] [W]</b> Develop English language speaking, listening, reading and writing skills for social situations and daily inter-actions.	1 yr FT/2 yrs PT	English is not the first language spoken	D
<b>Certificate I in EAL (Access) 22484VIC [C] [H] [W]</b> Develop English language speaking, listening, reading and writing skills directly related to immediate per-sonal and social needs.	1 yr FT/2 yrs PT	English is not the first language spoken	D
<b>GENERAL EDUCATION FOR ADULTS</b>			
<b>Certificate I in General Education for Adults 22472VIC [C] [W]</b> <b>Certificate II in General Education for Adults 22473VIC [H] [C] [W]</b> <b>Certificate III in General Education for Adults 22474VIC [C] [W]</b> Improve skills in reading, writing, mathematics, oral communication and computer use. There is also a strong emphasis on improving self-confidence, developing further training and vocational pathways, and preparing for employment.	6 mths FT 1 yr PT	Applicants may enter at a range of skill levels, but must be able to speak some English	D
<b>Certificate I in General Education for Adults (Introductory) 22476VIC [C] [W]</b> Improve skills in reading, writing, mathematics, oral communication and computer use. There is also a strong emphasis on improving self-confidence, developing further training and vocational pathways, and preparing for employment.	6 mths FT 1 yr PT	Applicants may enter at a range of skill levels, but must be able to speak some English	D
<b>VCAL</b>			
<b>Victorian Certificate of Applied Learning – Senior [C] [W]</b> The VCAL program is a senior-school certificate based on vocationally oriented applied-learning principles. The course may allow students to study other vocational certificates while studying the core VCAL certificate.	1 yr FT	Applicants should be 16 to 19 years of age and have completed Year 11 or equivalent, and should have left or be leaving school	D
<b>Victorian Certificate of Applied Learning – Intermediate [C] [W]</b> The VCAL program is a senior-school certificate based on vocationally oriented applied-learning principles. The course may allow students to study other vocational certificates while studying the core VCAL certificate.	1 yr FT	Applicants should be 16 to 19 years of age and have completed Year 10 or equivalent, and should have left or be leaving school	D
<b>VCE CONNECT</b>			
<b>Victorian Certificate of Education (VCE Connect) [C] [W]</b> VCE Connect offers secondary school qualifications for students seeking an alternative VCE experience. It is ideal for those with aspirations in trades, engineering, nursing, health science, horticulture and technology.	2 yrs FT	Applicants should be at least 16 years of age, have completed Year 10 or equivalent and should have left or be leaving school	D



Looking down on the ATC building steps, another popular hangout at Hawthorn campus.



# Key dates

VCE and Careers Expo

**2-5 May, Caulfield Racecourse**

Swinburne Open Day

**28 July, Hawthorn campus**

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## Campuses

### **Hawthorn campus**

John Street, Hawthorn

### **Croydon campus**

12-50 Norton Road, Croydon

### **Wantirna campus**

369 Stud Road, Wantirna

### **Sarawak campus**

Kuching, Sarawak, Malaysia

## Further information

1300 275 794

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