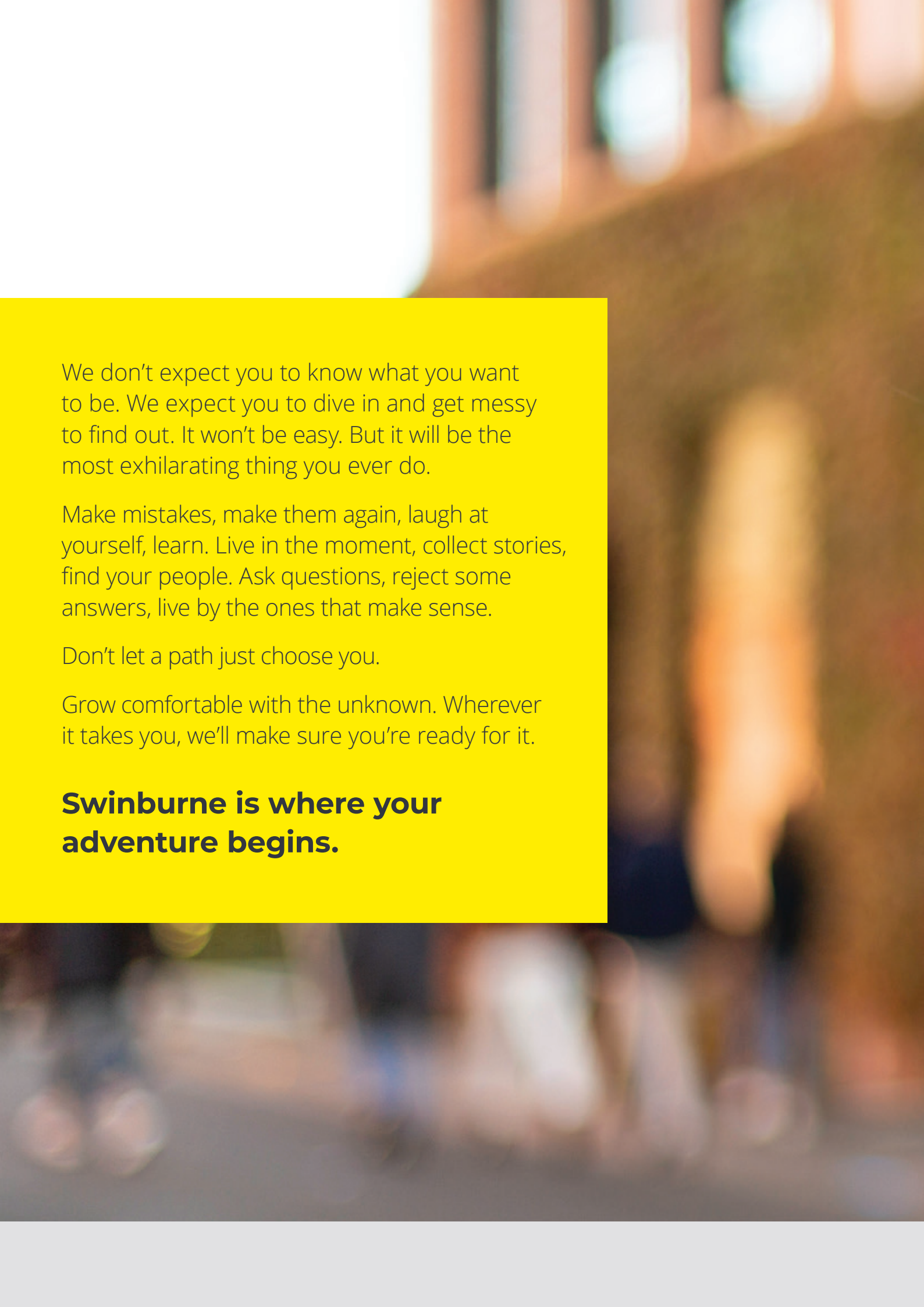




2021 **UNDERGRADUATE** **DEGREES AND** **PATHWAYS**

COURSE GUIDE



We don't expect you to know what you want to be. We expect you to dive in and get messy to find out. It won't be easy. But it will be the most exhilarating thing you ever do.

Make mistakes, make them again, laugh at yourself, learn. Live in the moment, collect stories, find your people. Ask questions, reject some answers, live by the ones that make sense.

Don't let a path just choose you.

Grow comfortable with the unknown. Wherever it takes you, we'll make sure you're ready for it.

**Swinburne is where your
adventure begins.**



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 startups to not-for-profits to multinationals.

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

When you graduate, you'll become one of thousands of Swinburne graduates around the world who are writing their own success stories.

And that's all because a degree from Swinburne sets you up for life.



#1

**For graduate satisfaction
in Melbourne**

In Information Technology

**TOP
IN
VIC**

**For teaching practices and
support services**

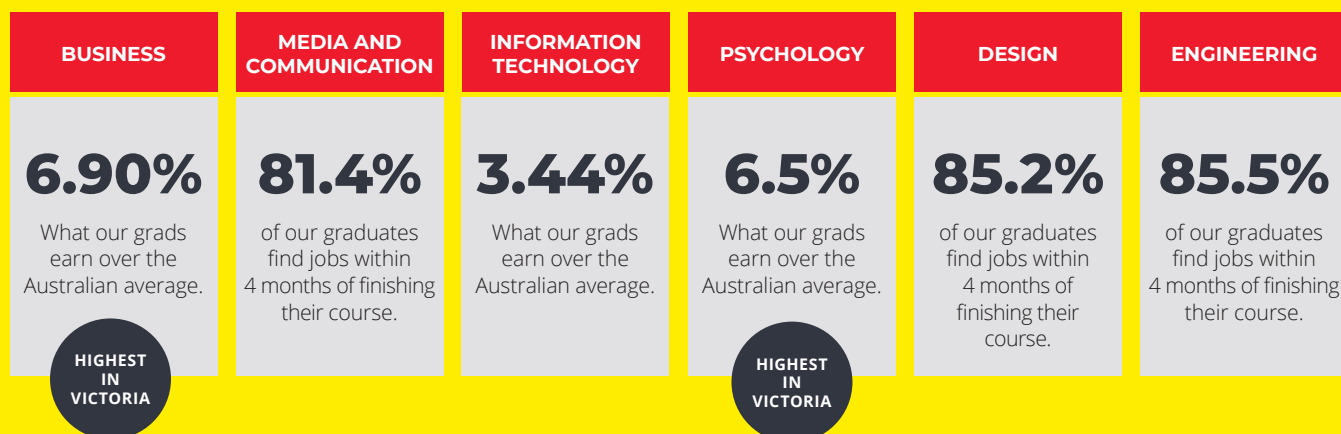
In Business and Education

**WE ARE
AACSB
ACCREDITED**

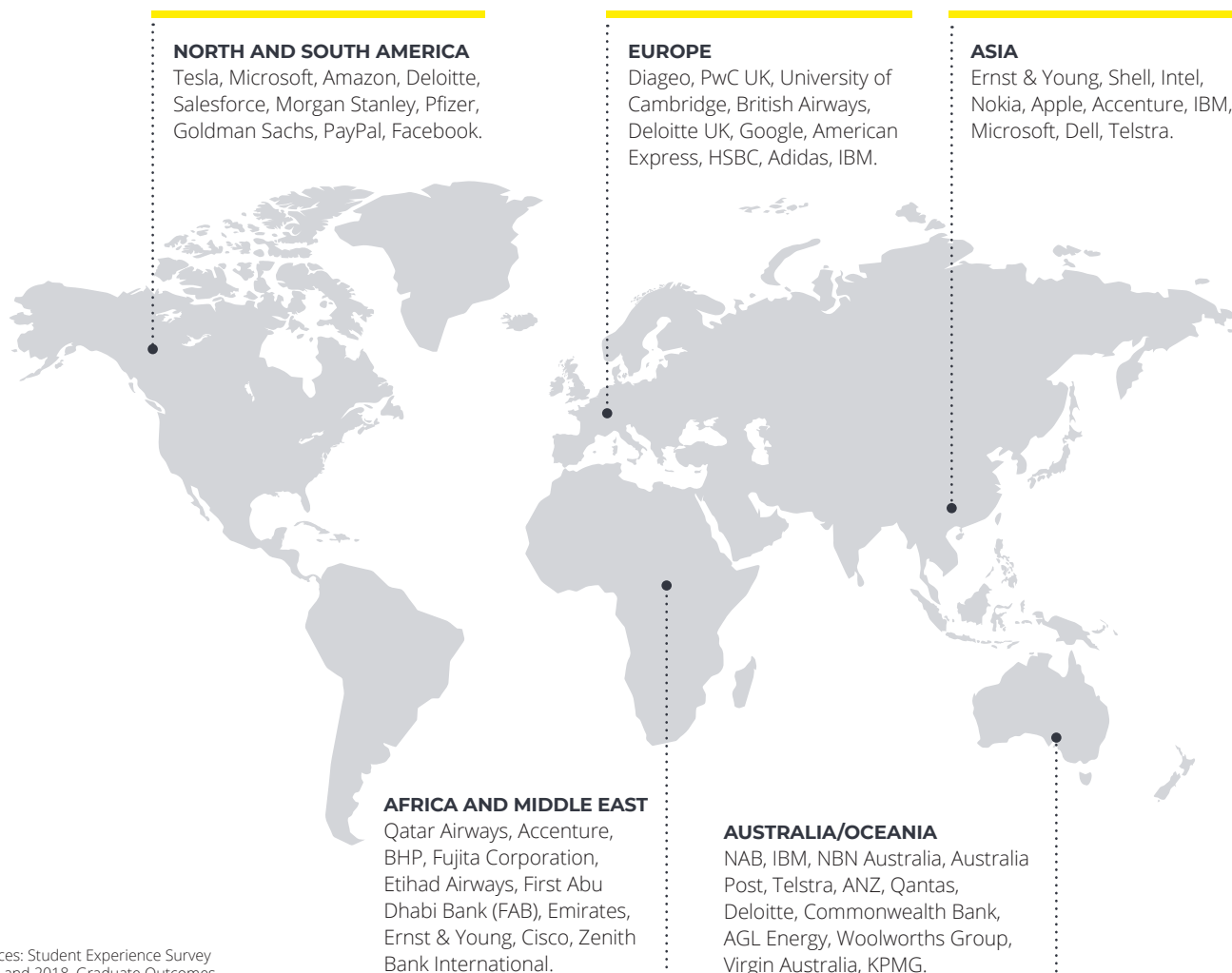
**Only 5% of the world's
business schools share
this honour**

(Association to Advance Collegiate
Schools of Business)

In demand and paid more



Our grads work for the biggest and best



Sources: Student Experience Survey 2017 and 2018, Graduate Outcomes Survey 2017-2019, Course Experience Questionnaire 2018-2019, LinkedIn

A portrait of Garth Davis, a man with curly brown hair and a beard, wearing a dark blue blazer over a light blue shirt. He is looking slightly to the right of the camera. The background is a blurred outdoor setting with green foliage.

“

**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.

PREVENTING FRAUD WITH FORENSICS

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

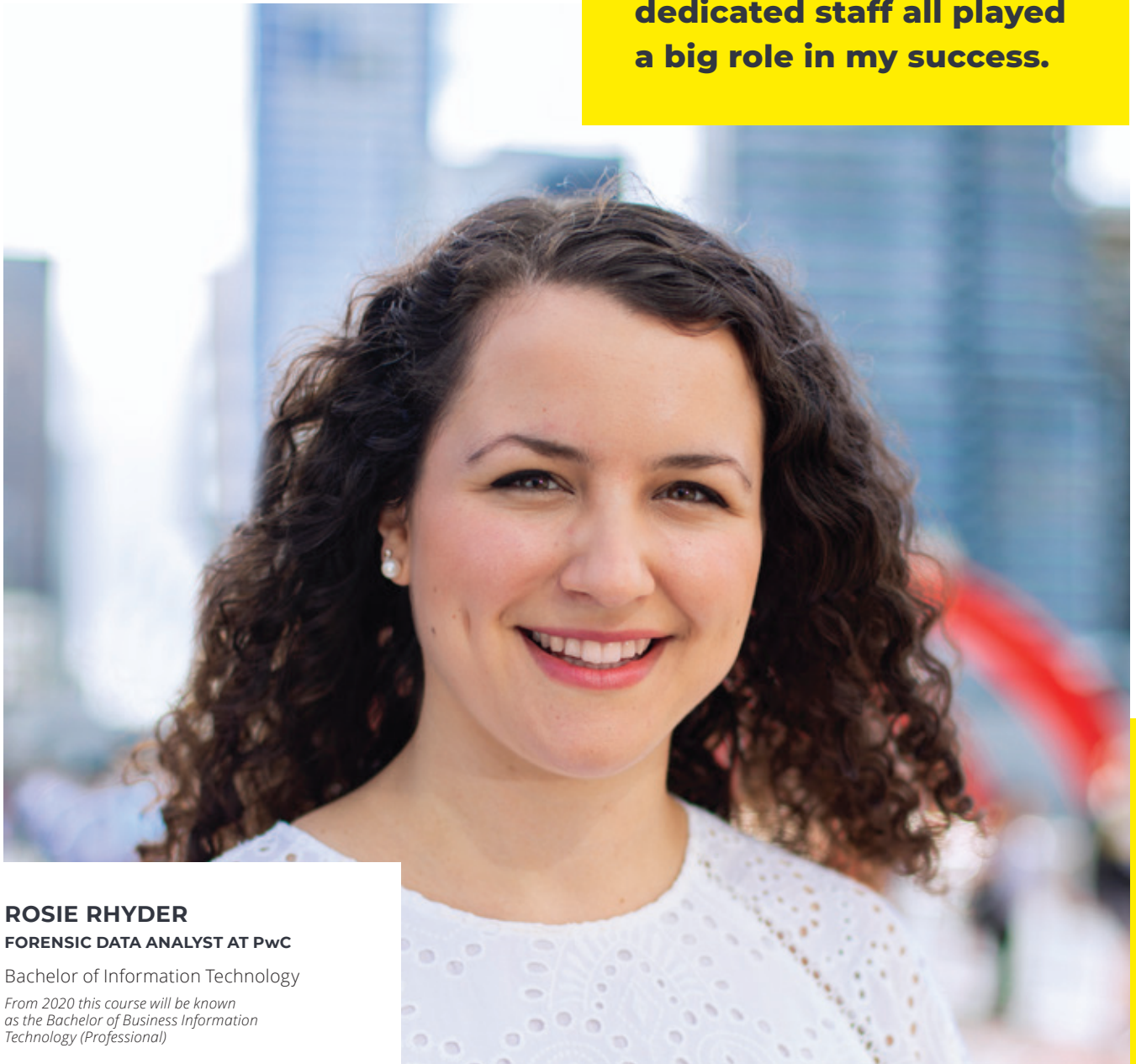
Taking advantage of the connections she made on her industry placement at PwC Australia, Rosie is now a Senior Associate there, specialising in forensic data analysis.

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 business information technology 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."

“

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

From 2020 this course will be known as the Bachelor of Business Information Technology (Professional)

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)



AUSTRALIA'S FIRST NOBEL PEACE PRIZE

DIMITY HAWKINS AM

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

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

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 has been recognised in the 2019 Queen's Birthday Honours List for her significant service to the global community as an advocate for nuclear non-proliferation and disarmament.



THE SWINBURNE ADVANTAGE

Can university be the place that makes you a resilient, adaptable, driven (insert any adjective to describe your amazing self here) genius? We think so. That's why, when you join Swinburne, we'll arm you with this unmatched range of tools and experiences.

Professional Purpose program

Find out what you truly care about, plan your career around it, and take this way of thinking with you when you graduate. Turn to page 12 for the full story.

Adobe Creative Campus

We're the first university in Australia to become one. For you, that means free access to over 20 Adobe Creative Cloud apps ... even on your personal devices, for the whole length of your course. (When you can bring your ideas to life, you have a better chance of convincing your lecturer, boss or audience to buy into them. You could say that it's part of being digitally literate. We call it 'owning the future'.)

ePortfolios for employability

Those assignments, projects and milestones that you've worked so hard to complete will now have an online home. This folio management system could be your central record of achievement, even when you join the world of work. Show it to potential employers, use it to apply for postgrad study and more.

Work placement opportunities for all students

Exit your comfort zone. Live in someone else's shoes. Become a citizen of the world! It's an experience that will boost your CV (and your level of wisdom).

Global work and study options

From degrees with a built-in placement year to projects with industry clients, you can choose how you want to flex your work muscles. Our Careers and Employability centre has experienced career counsellors who can help review your CV, run practice interviews and more. And check out SwinEmploy, our online database for professional, part-time and casual jobs.

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.

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



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-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



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



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. Plus, get exposure to your area of study in a professional international setting.

Duration	Embedded	Paid	Credit
15–30 days	No	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

IF YOU LOVE YOUR JOB, YOU'LL NEVER WORK A DAY IN YOUR LIFE. TRUE?

Introducing Swinburne's Professional Purpose program. Find more than just a career. Find a professional life you'll love, filled with meaning and purpose.

We don't expect you to know what you want to be. We expect you to dive in and find out. And that's precisely what our ground-breaking Professional Purpose program (which runs in parallel to any on-campus bachelor degree) is designed to do. Because we don't want to see you five years into a career wondering 'what am I doing here?'. We want you shouting jubilantly from the rooftops 'Yes! This is where I belong.'

In your first year, you'll explore your purpose and distil what really matters to you. In your second year you'll clarify your professional purpose and align it to the opportunities in the professional world. In your final year you'll focus on pursuing your professional purpose by turning your plans into reality. It's the sort of thinking you can carry with you throughout your career ... a secret weapon that will keep you on the path you choose.

Plus, the program is designed to build your resilience, optimism, motivation and social connections. It only takes around three hours a year to complete and it's delivered in a convenient mix of online modules and interactive workshops. What's not to love?

*Not studying an on-campus bachelor degree but still want to find your professional purpose? We're working on it. We'll be extending this offering to a wider audience as soon as we can.

The program is designed to build your resilience, optimism, motivation and social connections.





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	• VET Student Loan • Skills First • Concessions • Free TAFE for Priority Courses*	• VET Student Loan • Skills First • Concessions • Free TAFE for Priority Courses*	Advanced Diploma: • VET Student Loan • Skills First • Concessions • Free TAFE for Priority Courses* Associate Degree: • HECS-HELP
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 help you 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 their 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 could 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 120 for more.

DEGREE	PROFESSIONAL DEGREE	DEGREE WITH HONOURS	DOUBLE DEGREE
Typically 3 years FT (4 years for law and education)	4 years FT	4 years FT	4–6.5 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.

FT = Full time study

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. And in 2019, we were named Australia's first Adobe Creative campus, meaning our students get free access to the Adobe Creative Cloud and over 20 different apps. Use it anywhere, on any device, for the entire time you're studying with us.



Our Hawthorn campus is just a ten-minute train ride from the CBD.



“

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

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 our Hawthorn campus offers one of the best uni experiences going round. Here's why.

1 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!

2 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.



3 Discounted movie tickets

Head to nearby Lido Cinemas 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.



4 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.

5 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 You'll find your people

From basketball to AFL, unicycling to archery, 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!

7 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)?



8 Free Adobe Creative Cloud access

Translation – unfettered access to over 20 apps including Photoshop, Lightroom, InDesign and lesser known ones that let you make 3D animations, build webpages, mobile app prototypes ... the list goes on. You can put it on any of your devices, and yes, of course you can use it for your personal projects! All this, in the name of digital literacy. All hail digital literacy, we say.

9 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!

10 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.

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

Get free access to the Adobe Creative Cloud anywhere, on any device, for the entire time you're studying at Swinburne

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

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

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.



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 and themed parties.

Visit swinburne.edu.au/studentlife

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.

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/abroad



Claire 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

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

OTHER EXPENSES

All degree students pay a student services and amenities fee. In 2020, the maximum fee is \$308 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. But you won't be out of pocket for Adobe Creative Cloud! As a Swinburne student you get free access to this industry-standard software.

Advanced diplomas, diplomas and certificates

Your fees are made up of tuition, materials (if relevant) and ancillary fees (things like food, transport and accommodation costs associated with field trips), 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

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

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. Visit 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 for more information and conditions.

VICE-CHANCELLOR'S EXCELLENCE SCHOLARSHIP

If you achieve an ATAR of 95 or higher and receive an offer from us, congratulations! You'll be eligible for 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.

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

INDUSTRY SCHOLARSHIP PROGRAM

If you are accepted and enrol into the Bachelor of Accounting and Business Information Technology (Professional) or the Bachelor of Business Information Technology (Professional), you'll be eligible for a prestigious industry-funded scholarship of \$40k. Eligibility criteria apply.

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.

HOW TO APPLY

VTAC applications

If you're a Year 12 student or you're applying for multiple courses that are listed in VTAC and start in Semester 1, 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 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	V or D	D
Associate degree	V or D	D
Certificate IV, diploma, advanced diploma (full-time)	V or D	D
Certificate IV, diploma, advanced diploma (part-time)	D	D
Certificate III and below	D	D
Apprenticeships	Find a job and register	Find a job and register
Pre-apprenticeships	D	D

V VTAC | D Direct

Direct applications

If you are a mature age, gap year or current university student (i.e. not a Year 12 student) and 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

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

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/apply/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
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 reflective of 2020 entry only. ATARs for 2021 entry will be published in the July 2020 edition of this guide. 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 still be considered.

MINIMUM ENTRY ATAR

This ATAR is the minimum that must be achieved to be considered for this course. Adjustment factors such as Special Entry Access Scheme (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 SEAS for students who have experienced educational disadvantage.

Note: Some courses require supplementary application forms or have special application requirements; see individual course entries for details.



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. Because we believe in finding your path as you go. 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!

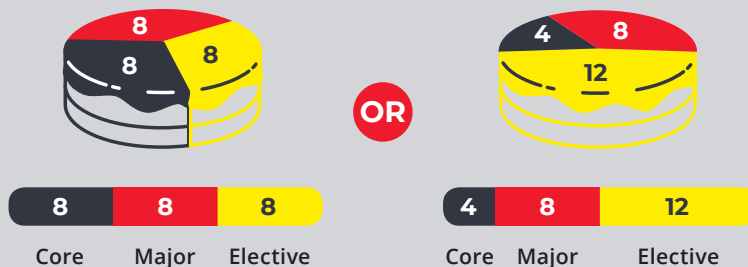


ELECTIVE UNITS

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:





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:

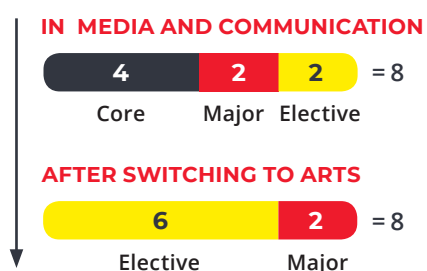
Brittany traded media and communication for arts

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 (majors) and two electives. For her electives, she selected two politics subjects that sounded really interesting.

Brittany ended up liking these so much that she 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	26
Aviation	34
Built Environment and Architecture	37
Business	42
Design	53
Education	60
Engineering	64
Film and Television	71
Games and Animation	75
Health	80
Information Technology	86
Law	94
Media and Communication	99
Nursing	105
Psychology	107
Science	110
Apprenticeships	115
Foundation Skills for Work and Study	119



“

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

**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 travelling the globe 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.

COURSES 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
- History
- Indigenous Studies
- Japanese
- Journalism
- Media Industries
- Philosophy
- Politics and International Relations
- Professional Writing and Editing
- Social Media
- Sociology

Bachelor of Criminal Justice and Criminology

16 8

Certificates and diplomas in

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

#1

In Melbourne for student support services

QILT Student Experience Survey 2018-2019

HIGHEST MEDIAN SALARY IN VIC

Also \$3,100 over the national average

QILT Graduate Outcomes Survey 2017-2019



ARTS AND HUMANITIES

COURSE



Advertising

Bachelor of Arts (Professional) with a major in Advertising	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Advertising	3 yrs FT/6 yrs PT	H	60 [^]	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 changing the way the intended audience thinks or acts. This degree is professionally accredited by the Media Federation of Australia. Also see Media and Communication (page 99).

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, advertising account manager, advertising sales consultant, media coordinator, media planner, brand strategist, advertising consultant, media planner.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Arts

Bachelor of Arts (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts	3 yrs FT/6 yrs PT	H	60 [^]	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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Arts/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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 46).

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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Arts/Bachelor of Science	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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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.

Prerequisites: 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.

Bachelor of Health Science/Bachelor of Arts	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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Be equipped with a wide range of research and analytical skills and specialise in multiple disciplines across health, humanities and media. Choose from a diverse range of health science and arts majors to create an engaging program to suit a wide range of graduate employment outcomes.

Career opportunities: Recent graduates have gone on to work in government, health research, medicine, nutrition, community work, journalism, film and advertising.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Laws/Bachelor of Arts	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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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 96) and Bachelor of Arts.

Career opportunities: Lawyer, public servant, media manager, communications manager, consultant, publisher, legal adviser, human rights advocate, journalist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Arts (continued)

Diploma of Arts and Communication (UniLink)	8 mths FT 16 mths PT	H	V or D
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This higher education diploma provides an alternative pathway into bachelor degrees in Arts, Media and Communication, Games and Interactivity, and Criminal Justice and Criminology. Units are similar to those offered in at first year university but with smaller class sizes and more time with teachers. Students can gain up to 8 units advanced standing when they pathway into their degree.

Prerequisites: Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL).

Chinese

Bachelor of Arts (Professional) with a major in Chinese	4 yrs FT/8 yrs PT	H	80 [^] V
Bachelor of Arts with a major in Chinese	3 yrs FT/6 yrs PT	H	60 [^] V or D

Learn to read, speak and write Chinese from introductory to advanced levels. Study the structure, grammar, phonetics and phonology of Chinese and learn about Chinese culture as it relates to business, the cinema, literature and news.

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

Career opportunities: Journalist, public policy analyst, welfare worker, cultural adviser, international trade consultant, tourism and travel consultant, translator.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Cinema and screen studies

Bachelor of Arts (Professional) with a major in Cinema and Screen Studies	4 yrs FT/8 yrs PT	H	80 [^] V
Bachelor of Arts with a major in Cinema and Screen Studies	3 yrs FT/6 yrs PT	H	60 [^] V or D

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 99).

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

Career opportunities: Broadcast presenter, film researcher, production coordinator, community arts worker, film distribution coordinator, film festival manager, entertainment journalist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Creative writing and literature

Bachelor of Arts (Professional) with a major in Creative Writing and Literature	4 yrs FT/8 yrs PT	H	80 [^] V
Bachelor of Arts with a major in Creative Writing and Literature	3 yrs FT/6 yrs PT	H	60 [^] V or D

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 99).

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

Career opportunities: Journalist, publisher, writer, editor, screenwriter, producer, novelist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Criminology

Bachelor of Arts (Professional) with a major in Criminology	4 yrs FT/8 yrs PT	H	80 [^] V
Bachelor of Arts with a major in Criminology	3 yrs FT/6 yrs PT	H	60 [^] V or D

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.

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

Career opportunities: Journalist, public policy analyst, welfare worker, corrections officer, police officer, community development officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

ARTS AND HUMANITIES

COURSE



Criminology (continued)

Bachelor of Criminal Justice and Criminology	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Criminal Justice and Criminology	3 yrs FT/6 yrs PT	O	60 [^]	D

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 practices. 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.

Career opportunities: Law enforcement officer, intelligence analyst, investigator, crime analyst, victim support worker, government policy writer, corrections officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Digital advertising technology

Bachelor of Arts (Professional) with a major in Digital Advertising Technology	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Digital Advertising Technology	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 99).

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

Career opportunities: 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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Environmental sustainability

Bachelor of Arts (Professional) with a major in Environmental Sustainability	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Environmental Sustainability	3 yrs FT/6 yrs PT	H	60 [^]	V or D

Develop an informed, critical approach to contemporary environmental issues. Apply ideas from philosophy, economics and sociology to urgent environmental problems and to the sustainable management of the built and natural environment. Gain the knowledge and skills necessary to become a leader in environmental sustainability.

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

Career opportunities: Environmental officer, sustainability policy adviser, sustainability engagement coordinator, environmental consultant, sustainability planning and strategy officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Games and interactivity

Bachelor of Arts (Professional) with a major in Games and Interactivity	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Games and Interactivity	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 75) and Media and Communication (page 99).

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

Career opportunities: Games developer, media producer, multimedia developer, video games developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	<i>For more information about ATARs, please refer to page 23.</i>	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Global studies

Bachelor of Arts (Professional) with a major in Global Studies	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Global Studies	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Career opportunities: policy officer, social researcher, account manager, customer relationship coordinator, global business development assistant, regional sales coordinator, international student support officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

History

Bachelor of Arts (Professional) with a major in History	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in History	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Career opportunities: Journalist, analyst, curator, media officer, policy adviser, public relations officer, historian, writer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Indigenous studies

Bachelor of Arts (Professional) with a major in Indigenous Studies	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Indigenous Studies	3 yrs FT/6 yrs PT	H	60 [^]	V or D

Explore the contemporary and historical experience of Indigenous Australians and investigate a range of issues faced by Indigenous cultures throughout the world. Learn about Indigenous representations; resistance, activism and empowerment; Indigenous enterprise and entrepreneurship, and contemporary Indigenous communities.

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

Career opportunities: community engagement and/or development officer, public relations executive, policy analyst, cultural liaison officer, advocacy worker, client services officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Japanese

Bachelor of Arts (Professional) with a major in Japanese	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Japanese	3 yrs FT/6 yrs PT	H	60 [^]	V or D

Learn to read, speak and write Japanese from introductory to advanced levels. Study the structure, grammar, phonetics and phonology of Japanese and learn about Japanese and Asian culture.

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

Career opportunities: Journalist, public policy analyst, welfare worker, cultural adviser, international trade consultant, tourism and travel consultant, translator.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

ARTS AND HUMANITIES

COURSE



Journalism

Bachelor of Arts (Professional) with a major in Journalism	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Journalism	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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).

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

Career opportunities: Journalist, publisher, writer, editor, multimedia content producer, television presenter, radio presenter, investigative reporter, social commentator, social media coordinator, digital content manager, radio producer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Screen and Media (CUA51015) – Sports Media	1 yr FT	H		V or D
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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.

Career opportunities: Sports journalist social media coordinator, video/podcast producer, project manager, campaign manager, media manager.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Certificate IV in Screen and Media (CUA41215)	1 yr FT	H		V or D
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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.

Career opportunities: Radio producer, News interviewer, YouTube content developer, editorial assistant.

Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.

Library and information services

Diploma of Library and Information Services (BSB52115)	1 yr FT/2 yrs PT	H O		V or D
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Gain the skills and knowledge needed to work in a variety of technical and customer service positions in the library and information sector.

Career opportunities: Library technician, library officer, library adviser.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Media industries

Bachelor of Arts (Professional) with a major in Media Industries	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Media Industries	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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).

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

Career opportunities: Communications coordinator, community relations officer, digital media manager, media buyer, media campaigns officer, media content coordinator, media policy analyst, publisher, radio/podcast producer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Philosophy

Bachelor of Arts (Professional) with a major in Philosophy	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Philosophy	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Career opportunities: Journalist, public policy analyst, advocacy officer, business ethics consultant, lobbyist, mediator, politician, social commentator, writer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Politics and international relations

Bachelor of Arts (Professional) with a major in Politics and International Relations	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Arts with a major in Politics and International Relations	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Career opportunities: Politician, journalist, diplomat, human rights officer, foreign affairs adviser, international trade specialist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Professional writing and editing

Bachelor of Arts (Professional) with a major in Professional Writing and Editing	4 yrs FT/8 yrs PT	80 [^]	V
Bachelor of Arts with a major in Professional Writing and Editing	3 yrs FT/6 yrs PT	60 [^]	V or D

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.

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

Career opportunities: Journalist, publisher, writer, editor, public relations officer, novelist, screenwriter, copywriter.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Professional Writing and Editing (CUA50118)	1 yr FT	V or D
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Gain an understanding of creative arts industry laws, regulations and practices. Learn about freelancing and project management. Refine your writing and editing skills and develop a portfolio of work including persuasive copy, scripts, media writing, extended stories and novels.

Career opportunities: Journalist, publisher, writer, editor, public relations officer.

Prerequisites: Successful completion of Certificate IV in Professional Writing and Editing or equivalent, or industry experience.

Certificate IV in Professional Writing and Editing (CUA40118)	1 yr FT	V or D
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Learn how to work effectively in the creative arts industry and develop your writing, editing and proofreading skills. Build a portfolio of work in fiction and non-fiction including short narratives, business and public relations documents and short scripts.

Career opportunities: Journalist, writer, editor, proofreader.

Prerequisites: Satisfactory completion of Victorian Year 12 and demonstrate a high level of language and literacy.

Social media

Bachelor of Arts (Professional) with a major in Social Media	4 yrs FT/8 yrs PT	80 [^]	V
Bachelor of Arts with a major in Social Media	3 yrs FT/6 yrs PT	60 [^]	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 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: Digital advertising specialist, social media officer, journalist, publisher, editor, multimedia content producer, social media producer, digital marketer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Sociology

Bachelor of Arts (Professional) with a major in Sociology	4 yrs FT/8 yrs PT	80 [^]	V
Bachelor of Arts with a major in Sociology	3 yrs FT/6 yrs PT	60 [^]	V or D

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.

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

Career opportunities: Journalist, sociologist, welfare worker, community education officer, cultural events coordinator, youth justice worker, policy researcher, policy analyst, government adviser, strategic engagement officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

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 three. 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.

Industry leaders

Our industry advisory board members work for organisations including Qantas, Jetstar 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.



COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Aviation 8 8 8

Bachelor of Aviation Management 16 8

**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



“

Everything about the course is so interesting – from learning about the various facets of the industry to hearing first-hand experiences from the lecturers.

My teachers provided guidance not only on the subject matter, but also in navigating the aviation industry. Through my scholarship, I had the opportunity to attend the International Aviation Women’s Association (IAWA) Conference in Peru. It was an incredible honour to meet so many powerful women in the industry.

NICOLE

**BACHELOR OF AVIATION MANAGEMENT
INTERNATIONAL AVIATION WOMEN’S ASSOCIATION (IAWA)
SCHOLARSHIP RECIPIENT**



COURSE



Aviation management

Bachelor of Aviation Management	3 yrs FT/6 yrs PT	H	70 [^]	V or D
Gain a sound professional understanding of the aviation industry and develop skills in organisational, regulatory, safety, technical and business management. Career opportunities: Business systems manager, airline ground operations manager, airport manager, airline operations manager.				
Bachelor of Aviation Management/Bachelor of Business	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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 46). Career opportunities: Business systems manager, airline flight operations manager, airline ground operations manager, airline operations manager, human resource manager, marketing professional, operations manager.				
Bachelor of Laws/Bachelor of Aviation Management	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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 96). Career opportunities: Lawyer, consultant, manager, compliance and regulation manager, project manager.				

Professional piloting

Bachelor of Aviation	3 yrs FT/6 yrs PT	H EV	RC	V or D
Become equipped for a professional career as a pilot. Learn about the structure and operation of the aviation industry; undertake flying training at CAE Australia Flight Training; develop practical capabilities in management and analysis. This course is designed to take graduates beyond the requirements for the Civil Aviation Safety Authority Air Transport Pilot Licence theory examination, and Commercial Pilot Licence and Multi-engine Aeroplane Instrument Endorsement practical tests. Elect to complete additional flying qualifications such as a Flight Instructor Rating or Part 61 approved Multi-crew Cooperation Course. Career opportunities: Professional pilot.				
Bachelor of Aviation/Bachelor of Business	4 yrs FT/8 yrs PT	H EV	RC	V or D
Become equipped for a professional career as a pilot and learn about the world of business. Professional accreditation: See Bachelor of Business (page 46). Career opportunities: Professional pilot.				
Associate Degree of Aviation - Jetstar cadetship program	1.5 years F/T	H EV	RC	Jetstar
Undertake your professional pilot training at CAE Australia Flight Training, 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. Career opportunities: Commercial pilot.				

Duration	Location	Entry ATAR	Where to apply
FT Full-time	C Croydon	[^] Guaranteed entry	V VTAC
PT Part-time	H Hawthorn	# Minimum entry	D Direct
	W Wantirna	RC Range of criteria	
	O Online	For more information about ATARs, please refer to page 23.	
	EV External venue		

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, engineer or architectural engineer.

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

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



A portrait of a young woman with long, dark brown hair, smiling gently. She is wearing a black top with small red floral patterns and a necklace with a circular pendant. The background is a blurred outdoor setting with greenery and a building.

“

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

AMY

BACHELOR OF DESIGN (ARCHITECTURE)

BUILT ENVIRONMENT AND ARCHITECTURE

COURSE



Architecture and building design

Bachelor of Design (Architecture)	3 yrs FT/6 yrs PT	H	80 [^]	V or D
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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.

Career opportunities: 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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Advanced Diploma of Building Design (Architectural) (22477VIC)	2 yrs FT	C H		V or D
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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.

Career opportunities: Building designer, drafting technician.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer.

Architectural engineering

Bachelor of Engineering (Honours) (Professional) with a major in Architectural	5 yrs FT/10 yrs PT	H	85 [^]	V
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Bachelor of Engineering (Honours) with a major in Architectural	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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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.

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

Career opportunities: Design engineer, structural systems engineer, architectural engineer, project engineer.

Prerequisites: 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.

Interior architecture and design

Bachelor of Design (Interior Architecture) (Honours)	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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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.

Career opportunities: Interior designer, industrial designer, property designer, retail designer, product designer, design consultant, business strategist.

Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts, Systems Engineering, or Visual Communication Design.

Advanced Diploma of Interior Design (MSF60118)	6 mths FT	H		D
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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.

Career opportunities: Interior designer, interior decorator, colour consultant.

Prerequisites: Successful completion of the Diploma of Interior Design

Diploma of Interior Design (MSF50218)	1.5 yrs FT	H		V or D
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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.

Career opportunities: Interior designer, interior decorator, colour consultant.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Duration

FT Full-time
PT Part-time

Location

C Croydon
H Hawthorn
W Wantirna
O Online
EV External venue

Entry ATAR

[^] Guaranteed entry
Minimum entry

Range of criteria

RC Range of criteria
For more information about ATARs, please refer to page 23.

Where to apply

V VTAC
D Direct

BUILT ENVIRONMENT AND ARCHITECTURE

COURSE



Civil engineering

Bachelor of Engineering (Honours) (Professional) with a major in Civil	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Civil	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Civil engineer, civil design engineer, structural engineer, environmental engineer.

Prerequisites: 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.

Advanced Diploma of Engineering Technology (22479VIC) – Civil Engineering Design	2 yrs FT/4 yrs PT	H		V or D
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Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects.

Career opportunities: Draftsperson, technical officer, construction supervisor.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Construction

Bachelor of Engineering (Honours) (Professional) with a major in Construction	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Construction	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Construction engineer, construction manager.

Prerequisites: 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.

Advanced Diploma of Building Design (Architectural) (22477VIC)	2 yrs FT	C H		V or D
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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.

Career opportunities: Building designer and planner, drafting technician.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer.

Diploma of Building and Construction (Building) (CPC50210)	1.5 yrs FT	H		V or D
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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.

Career opportunities: Construction supervisor.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building supervisor.

Certificate IV in Building and Construction (Building) (CPC40110)	5 mths PT	C		D
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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.

Career opportunities: Construction officer.

Prerequisites: Relevant construction industry experience, or undertaking an apprenticeship in the building industry.

🕒 Duration	📍 Location	W Wantirna	☆ Entry ATAR	RC Range of criteria	📍 Where to apply
FT Full-time	C Croydon	O Online	^ Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	# Minimum entry		D Direct

COURSE



Horticulture and landscape

Diploma of Horticulture (AHC50416)	2 yrs FT/4 yrs PT	W	V or D
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Learn about plant nutrition, plant health, propagation and recognition of plants, landscape design, products and services, and business management and administration.

Career opportunities: Nursery manager, landscape designer, parks and gardens manager, horticultural consultant, landscaper, garden centre operator.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Diploma of Landscape Design (AHC50616)	1.5 yrs FT/3 yrs PT	W	V or D
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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.

Career opportunities: Landscape designer.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Conservation and land management

Diploma of Conservation and Land Management (AHC51116)	1.5 yrs FT/2 yrs PT	W	V or D
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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.

Career opportunities: Conservationist, park ranger.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, relevant work experience.

Certificate III in Conservation and Land Management (AHC31416)	1.5 yrs PT	W	D
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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.

Career opportunities: Conservationist, park ranger.

Prerequisites: Applicants must be 15 years or over and have appropriate numeracy and literacy skills.



Live and breathe architecture when you study at Swinburne.

BUSINESS

Got dreams to be bigger than Jeff Bezos 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 IN MELBOURNE	For staff:student interaction and support services QILT: Student Experience Survey 2018 and 2019
\$40K* SCHOLARSHIPS	Our industry-funded scholarship programs: Bachelor of Accounting and Business Information Technology (Professional) Bachelor of Business Information Technology (Professional) *Conditions apply.
OUR BUSINESS GRADS EARN \$6.8K MORE A YEAR	As compared to the national average (That's one business-class trip to New York!) QILT: Graduate Outcomes Survey 2017-2019

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective
■ Prof Placement ■ Adv Minor

Bachelor of Accounting 8 8 4 4

Bachelor of Accounting and Business Information Technology (Professional) 24 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 Business Information Technology (Professional) 16 8 8

Bachelor of Information and Communication Technology 8 8 8

- Business Systems
- Systems Analysis

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. 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

BACHELOR OF BUSINESS (MARKETING)

COURSE



Accounting

Bachelor of Accounting	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Accounting	3 yrs FT/6 yrs PT	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. Professional accreditation: This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. Career opportunities: Public accountant, business consultant, auditor, taxation agent, analyst, forensic accountant.				
Bachelor of Accounting and Business Information Technology (Professional)	3 yrs FT	H	75 [#]	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. Professional accreditation: This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. Career opportunities: Public accountant, business consultant, auditor, taxation agent, systems architect, data analyst, business IT manager, business and systems analyst, business analyst, forensic accountant. *Conditions apply.				
Bachelor of Business (Professional) with a major in Accounting	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Accounting	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Accounting	3 yrs FT/6 yrs PT	O	60 [^]	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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Business manager, accountant, project manager, administrator, risk analyst.				
Advanced Diploma of Accounting (FNS60217)	6 mths FT/1 yr PT	O		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. Career opportunities: Analyst, accounts clerk, administrator, bookkeeper, payroll officer.				
Diploma of Accounting (FNS50217)	6 mths FT/1 yr PT	H O		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. Career opportunities: Analyst, accounts clerk, administrator, bookkeeper, payroll officer.				
Certificate IV in Accounting and Bookkeeping (FNS40217)	6 mths FT/1 yr PT	C H O W		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. Career opportunities: Accounts clerk, administrator, bookkeeper, payroll officer.				

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). Short-listed applicants must attend an interview.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Prerequisites: Satisfactory completion of Diploma of Accounting or equivalent.

Prerequisites: Satisfactory completion of Certificate IV in Accounting and Bookkeeping or equivalent, or relevant work experience.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Accounting and finance

Bachelor of Business (Professional) with a major in Accounting and Finance	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Accounting and Finance	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Accounting and Finance	3 yrs FT/6 yrs PT	O	60 [^]	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.

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

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

Career opportunities: Business manager, accountant, investment banker, administrator, risk analyst, financial adviser, investment manager, financial forecaster.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Accounting and financial planning

Bachelor of Business (Professional) with a major in Accounting and Financial Planning	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Accounting and Financial Planning	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Accounting and Financial Planning	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

Professional accreditation: 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. 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.

Career opportunities: Accountant, financial planner, business analyst, investment banker, risk analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Aviation management

Bachelor of Aviation Management	3 yrs FT/6 yrs PT		70 [^]	V or D
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Gain a sound professional understanding of the aviation industry and develop skills in organisational, regulatory, safety, technical and business management.

Career opportunities: Business systems manager, airline ground operations manager, airport manager, airline operations manager.

Prerequisites: 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.

Bachelor of Aviation Management/Bachelor of Business	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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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.

Professional accreditation: See Bachelor of Business (page 46).

Career opportunities: Business systems manager, airline ground operations manager, airport manager, airline operations manager, human resource manager, marketing professional, operations manager.

Prerequisites: 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.

Bachelor of Aviation/Bachelor of Business	4 yrs FT/8 yrs PT	H EV	RC	V or D
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Become equipped for a professional career as a pilot and learn about the world of business. For more: See Bachelor of Aviation (page 36).

Career opportunities: Professional pilot.

Prerequisites: 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.

COURSE



Business

Bachelor of Business (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

Professional accreditation: The accounting and finance major is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. 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.

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

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Arts/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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 28).

Career opportunities: Policy analyst, media officer, researcher, business manager, business journalist, sales manager, communication specialist, marketing specialist, human resource manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Design/Bachelor of Business	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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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, motion design, photomedia, and UX interaction design.

Professional accreditation: See Bachelor of Business (page 46).

Career opportunities: Brand manager, business consultant, marketing and sales manager, UX interaction designer.

Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.

Bachelor of Engineering (Honours)/Bachelor of Business	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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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 68).

Career opportunities: Networking engineer, electronics designer, manufacturing specialist, civil infrastructure engineer, construction engineer, project manager, engineering consultant.

Prerequisites: 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.

Bachelor of Health Science/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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 84).

Career opportunities: Health writer, community development manager, market researcher, business manager, human resource manager, biomedical scientist, policy analyst, project manager.

Prerequisites: 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.

Bachelor of Laws/Bachelor of Business	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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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 96).

Career opportunities: Solicitor, lawyer, legal adviser, entrepreneur, business owner, international trader, banking and finance adviser, industrial relations consultant, corporate counsellor.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Business (continued)

Bachelor of Media and Communication/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
Learn how to think critically and 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 102). Career opportunities: Marketing and sales professional, public relations specialist, communications adviser, advertising consultant, marketing specialist, business journalist, business writer, business manager.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Business foundational

Diploma of Business (UniLink)	8 mths FT 16 mths PT	H		V or D
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.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 25 in English (EAL).				
Diploma of Business (BSB50215)	6 mths FT/1 yr PT	H O		V or D
Gain a broad understanding of fundamental business operations including meetings, budgets, financial plans, digital business solutions, staff recruitment and induction processes, and project management. Career opportunities: Executive officer, office manager, retail manager, team leader, business administrator.				
Prerequisites: Successful completion of Certificate IV in Business or equivalent, or relevant work experience.				
Certificate IV in Business (BSB40215)	6 mths FT/1 yr PT	H O		V or D
Learn people management skills, and organisational and technology skills. Career opportunities: Human resources officer, marketing and sales officer, public relations officer.				
Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.				
Marketing and Communication Foundations Skill Set (BSBSS00077)	6 wks FT	H		D
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.				
Prerequisites: Applicants may enter at a range of skill levels, but must be able to speak English.				

Business administration

Bachelor of Business (Professional) with a major in Business Administration	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Business Administration	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Business Administration	3 yrs FT/6 yrs PT	O	60 [^]	D
Gain an understanding of organisational management, strategies and principles. Develop practical, theoretical and conceptual skills, and an understanding about how businesses operate. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Business administrator, business manager, human resource officer, marketing coordinator, project officer.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Business analysis

Bachelor of Business Information Systems with a major in Business Analysis	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Career opportunities: Systems analyst, systems architect, business analyst, requirements analyst, UX analyst, technical business analyst, process consultant.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				
Bachelor of Information and Communication Technology with a major in Systems Analysis	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Systems Analysis	3 yrs FT/6 yrs PT	O	60 [^]	D
Learn how to redesign business processes and describe the software and web applications that assist in creating more efficient working environments. Professional accreditation: This degree is professionally accredited by the Australian Computer Society (ACS). Career opportunities: Systems analyst, systems architect, business analyst, requirements analyst, technical business analyst, corporate applications analyst.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

COURSE



Business information systems

Bachelor of Accounting and Business Information Technology (Professional)	3 yrs FT	H	75 [#]	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. 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. Professional accreditation: This degree is professionally accredited by CPA Australia and Chartered Accountants Australia and New Zealand. Career opportunities: Public accountant, business consultant, auditor, taxation agent, systems architect, data analyst, business IT manager, business and systems analyst, business analyst, forensic accountant.			Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL). Short-listed applicants must attend an interview.	
Bachelor of Business (Professional) with a major in Information Systems	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Information Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Business IT manager, business analyst, information architect, manager, IT consultant, systems analyst and tester.			Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	
Bachelor of Business Information Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Career opportunities: Systems analyst, systems architect, business IT manager.			Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	
Bachelor of Business Information Systems/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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. Career opportunities: Business IT manager, business analyst, financial adviser, economist, market researcher, information architect, manager, IT consultant, systems analyst and tester.			Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	
Bachelor of Business Information Technology (Professional)	3 yrs FT	H	75 [#]	V or D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Career opportunities: Project manager, business analyst, information architect, business requirements analyst.			Prerequisites: 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. Short-listed applicants must attend an interview.	
Bachelor of Information and Communication Technology with a major in Business Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Business Systems	3 yrs FT/6 yrs PT	O	60 [^]	D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Career opportunities: Application integration specialist, data mining specialist, technical writer, multimedia developer.			Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).	

*Conditions apply.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Business information systems (continued)

Bachelor of Laws/Bachelor of Business Information Systems	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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 (page 97). Career opportunities: Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Data analytics

Bachelor of Business Information Systems with a major in Data Analytics	3 yrs FT/6 yrs PT	H	60 [^]	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. Professional accreditation: See Bachelor of Business Information Systems (page 48). Career opportunities: Business analyst, data analyst, business intelligence analyst, information management specialist, business solutions consultant.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				
Bachelor of Business Information Systems/Bachelor of Business with a major in Data Analytics	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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. Career opportunities: Business process analyst, business development manager, IT director.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Data management

Bachelor of Business Information Systems with a major in Data Management	3 yrs FT/6 yrs PT	H	60 [^]	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. Career opportunities: Database architect, database designer, database application developer, data services manager, data analyst.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				
Bachelor of Business Information Systems/Bachelor of Business with a major in Data Management	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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. Career opportunities: IT consultant, database designer, data analyst.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Economics

Bachelor of Business (Professional) with a major in Economics	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Economics	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Business manager, market research analyst, economic consultant, policy analyst, management consultant, risk analyst, economist, sustainability officer.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Entrepreneurship and innovation

Bachelor of Business (Professional) with a major in Entrepreneurship and Innovation	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Entrepreneurship and Innovation	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Business owner, entrepreneur, venture capital analyst, change manager, product developer, market researcher, product manager.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

BUSINESS

COURSE



Event management

Diploma of Event Management (SIT50316)	1 yr FT	H	V or D
Develop wide-ranging, highly specialised technical event management skills with a strategic research, planning and communication focus. Career opportunities: Events planner, exhibitions coordinator, venue coordinator.			
Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.			

Finance

Bachelor of Business (Professional) with a major in Finance	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Finance	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Finance	3 yrs FT/6 yrs PT	O	60 [^]	D
Learn how to analyse and assess financial forecasts and the value of companies, to manage risk, to investigate investment opportunities, and to examine the values of shares and bonds. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Investment manager, financial forecaster, business manager, project officer, administrator, risk analyst.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Financial planning

Bachelor of Business (Professional) with a major in Financial Planning	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Financial Planning	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Financial Planning	3 yrs FT/6 yrs PT	O	60 [^]	D
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). Career opportunities: Financial planner, business analyst, investment banker, risk analyst, financial adviser.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				

Financial services

Diploma of Financial Services FNS51815	12 mths PT	O	D
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. Career opportunities: Customer service manager, office supervisor, accounts clerk, administrator.			
Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience			

Human resource management

Bachelor of Business (Professional) with a major in Human Resource Management	4 yrs FT/8 yrs PT	H	80^	V
Bachelor of Business with a major in Human Resource Management	3 yrs FT/6 yrs PT	H	60^	V or D
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.		Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).		
Professional accreditation: This major is professionally accredited by the Australian Human Resources Institute.				
Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement.				
Career opportunities: HR adviser, HR consultant, HR manager, organisational change coordinator.				
Diploma of Human Resources Management (BSB50618)	6 mths FT/1 yr PT	H O		V or D
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.		Prerequisites: Successful completion of Certificate IV in Business (see page 47) or equivalent, or relevant work experience.		
Career opportunities: HR officer, payroll officer, HR coordinator.				

COURSE



International business

Bachelor of Business (Professional) with a major in International Business	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in International Business	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Career opportunities: International business owner, trade specialist, import/export coordinator, international business strategist, multi-national sales manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Legal services

Diploma of Legal Services (BSB52215)	6 mths FT/1 yr PT	H		V or D
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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.

Career opportunities: Legal secretary, administrator, assistant paralegal, law clerk, personal assistant.

Prerequisites: Successful completion of Certificate IV in Legal Services or equivalent, or relevant work experience.

Certificate IV in Legal Services (BSB42215)	6 mths FT/1 yr PT	H		V or D
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Learn about working with contracts and other legal documents to provide support in a range of legal service settings.

Career opportunities: Legal secretary, administrator, legal assistant.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Library and information services

Diploma of Library and Information Services (BSB52115)	1 yr FT/2 yrs PT	H O		V or D
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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.

Professional accreditation: This diploma is fully accredited by the Australian Library and Information Association.

Career opportunities: Library technician, access services officer, information services officer.

Prerequisites: Year 12 completion or equivalent, and relevant study and/or work history.

Logistics and supply chain management

Bachelor of Business (Professional) with a major in Logistics and Supply Chain Management	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Logistics and Supply Chain Management	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Logistics and Supply Chain Management	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

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

Career opportunities: Supply chain manager, export control officer, logistics manager, operations analyst, imports coordinator, business implementation manager, fleet manager, procurement officer, warehouse operations manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Management

Bachelor of Business (Professional) with a major in Management	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Management	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Management	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

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

Career opportunities: Project manager, business manager, change manager, administrator, customer service manager, planning manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

BUSINESS

COURSE



Marketing

Bachelor of Business (Professional) with a major in Marketing	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Business with a major in Marketing	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Marketing	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

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

Career opportunities: Marketing specialist, market research manager, advertising consultant, brand manager, product manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Marketing and Communication (BSB52415)	1 yr FT	H	V or D
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Develop sound theory, knowledge and practical experience in marketing in order to progress career prospects in marketing and communication management.

Career opportunities: Marketing consultant, marketing officer, social media officer, public relations coordinator, media coordinator, project coordinator, market researcher.

Prerequisites: Successful completion of the Marketing and Communication Foundations Skill Set (see page 47).

Project management

Diploma of Project Management (BSB51415)	1 yr PT	O	D
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Learn how to lead, plan and execute projects to strict deadlines and budgets with a practical, hands-on approach to learning.

Career opportunities: Project manager, project coordinator.

Prerequisites: At least two years' relevant work experience.

Social media marketing

Diploma of Social Media Marketing (10118NAT)	1 yr FT	H	V or D
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Gain skills in digital technologies, planning and strategy, and written communication, such as for blogs, eDMs and content marketing.

Career opportunities: Social media coordinator, communications assistant, content marketing manager.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Sports management

Bachelor of Business with a major in Sports Management	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Business with a major in Sports Management	3 yrs FT/6 yrs PT	O	60 [^]	D

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

Career opportunities: Sports administrator, corporate sponsorship director, brand manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Sport (Sport Development)/Diploma of Leadership and Management (SIS50319/BSB51918)	1 yr FT	H EV	D
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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.

Career opportunities: Program developer, talent development manager, sport development manager, leisure and recreational facility coordinator, sport and recreation community development officer.

Prerequisites: Successful completion of Victorian Year 12 or equivalent, or relevant work experience.

Duration

FT Full-time
PT Part-time

Location

W Wantirna
C Croydon
O Online
H Hawthorn
EV External venue

Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

Where to apply

V VTAC
D Direct

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.

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Design • Branded Environments • Communication Design • Motion Design • Photomedia • UX Interaction Design	8 8 8
Bachelor of Design (Architecture)	20 4
Bachelor of Design (Communication Design) (Honours)	20 8 4
Bachelor of Design (Industrial Design) (Honours)	16 8 8
Bachelor of Design (Interior Architecture) (Honours)	16 8 8
Bachelor of Engineering (Honours) • Product Design	16 8 8
Certificates and diplomas in • Architecture and Building Design • Design • Graphic Design • Interior Design • Photography • Visual Arts • Visual Merchandising	

TOP 50

In the world for art and design

2020 QS World University Rankings by Subject.

ADOBE CREATIVE CAMPUS

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

#1

For median starting salary
(Equal highest in Victoria)

QILT: Graduate Outcomes Survey 2017-2019



A portrait of a young woman with long, wavy brown hair, smiling gently. She is wearing a white t-shirt under a colorful, textured cardigan. The background is a soft-focus outdoor scene with green foliage.

“

Switching to study what I love has given me a sense of purpose and direction in life. My capstone project has been a real highlight. It culminated with an exhibition that was planned and set up by the entire class. The teachers are all so supportive, but also push me to take my ideas further. Plus, they’ve helped me secure a month-long internship in Tokyo (my favourite city)!

SUZANNE

**BACHELOR OF DESIGN
WITH A MAJOR IN PHOTOMEDIA**

DESIGN

COURSE



Architecture and building design

Bachelor of Design (Architecture)	3 yrs FT/6 yrs PT	H	80 [^]	V or D
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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.

Career opportunities: 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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Advanced Diploma of Building Design (Architectural) 22477VIC	2 yrs FT	C H		V or D
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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.

Career opportunities: Building designer, drafting technician.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer.

Branded environments

Bachelor of Design with a major in Branded Environments	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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This multidisciplinary course integrates communication design, interior architecture and environmental and experience design principles. You'll take a brand's identity beyond the visual, and translate it into three dimensions. Learn how to think conceptually and communicate visually in our collaborative studios. Explore contemporary retail design and branding design problems.

Career opportunities: Communications designer, communications researcher, exhibition designer, visual merchandiser, interior designer, set designer.

Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.

Communication design

Bachelor of Design (Communication Design) (Honours)	4 yrs FT/8 yrs PT	H	90 [^]	V or D
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Develop your design thinking and practice in order to prepare you to thrive in today's fast-paced digital environment. Learn core specialisms such as typography, image-making, brand and identity, 3D form packaging, information design, web design and publication design. Combine them with strategy, concept development and design to create razor-sharp ideas that cut through the competition.

Career opportunities: Communications designer, web designer, UX designer, interaction designer, experience designer, design consultant.

Prerequisites: 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 25 in one of Art, Product Design and Technology, Media, Interactive Digital Media C, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.

Bachelor of Design with a major in Communication Design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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Bachelor of Design with a major in Communication Design	3 yrs FT/6 yrs PT	O	70 [^]	D
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Develop your design thinking and practice in order to prepare you to thrive in today's fast-paced digital environment. Learn core specialisms such as typography, image-making, brand and identity, 3D form packaging, information design, web design and publication design. Combine them with strategy, concept development and design to create razor-sharp ideas that cut through the competition.

Career opportunities: Communications designer, web designer, UX designer, interaction designer, experience designer, design consultant.

Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	[^] Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	# Minimum entry		D Direct

COURSE



Design

Bachelor of Design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Career opportunities: Communications designer, exhibition designer, graphic designer, multimedia developer, advertising consultant, design consultant, user experience designer, photographer.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.			
Bachelor of Design/Bachelor of Business	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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 46). Career opportunities: Business consultant, communications designer, graphic designer, multimedia developer, advertising consultant, design consultant, customer experience designer.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.			
Bachelor of Design/Bachelor of Media and Communication	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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 102). Career opportunities: Communications designer, exhibition designer, graphic designer, multimedia developer, advertising consultant, marketing and sales professional, public relations officer, media planner, brand strategist, user experience designer.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.			
Diploma of Design (UniLink)	8 mths FT 16 mths PT	H		V or D
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.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts, or Visual Communication Design.			
Certificate IV in Design (CUA40715)	1 yr FT	H		V or D
Develop and enhance skills in graphic design, interior design, product design and related design studies. Explore the historical and contextual basis for design. Career opportunities: Graphic artist, graphic designer.	Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.			

Graphic design

Advanced Diploma of Graphic Design (CUA60315)	6 mths FT	H		D
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. Career opportunities: Graphic designer.	Prerequisites: Successful completion of Diploma of Graphic Design.			
Diploma of Graphic Design (CUA50715)	1.5 yrs FT	H		V or D
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. Career opportunities: Graphic designer.	Prerequisites: 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.			

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Industrial design

Bachelor of Design (Industrial Design) (Honours)	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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. Career opportunities: Industrial designer, product designer, usability designer, model maker, computer-aided designer, design consultant.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts, Systems Engineering, or Visual Communication Design.			

Interior architecture and design

Bachelor of Design (Interior Architecture) (Honours)	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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. Career opportunities: Interior designer, property designer, retail designer, design consultant, business strategist.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts, Systems Engineering, or Visual Communication Design.			

Interior design

Advanced Diploma of Interior Design (MSF60118)	6 mths FT	H		D
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. Career opportunities: Interior designer, interior decorator, colour consultant.	Prerequisites: Successful completion of the Diploma of Interior Design.			
Diploma of Interior Design (MSF50218)	1.5 yrs FT	H		V or D
Gain the knowledge and skills to create and plan furniture, fittings and surfaces, colour schemes and concepts for commercial and residential settings. Learn how to document your designs in 2D – through drawing, illustration and drafting, then take them one step further with 3D modelling. Career opportunities: Interior designer, interior decorator, colour consultant.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.			

Motion design

Bachelor of Design with a major in Motion design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
Design and motion come together in the future of visual communication. Mixing graphics, type, animation, video, photography and sound, you'll become a creative communicator for the whole range of digital platforms. Career opportunities: Motion designer, digital designer, animator, video producer, design consultant.	Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.			

COURSE



Photography

Bachelor of Design with a major in Photomedia	3 yrs FT/6 yrs PT	H	70 [^]	V or D
Get set to turn your concepts into arresting campaigns, publications and digital products. Through photography lessons and workshops on experimental image processing, you'll gain a rich, foundational knowledge of how lighting, art direction, commercial studio practice and cutting-edge technological processes produce truly memorable images. Career opportunities: Photographer, video and motion graphics specialist, advertising consultant, design consultant.				
Prerequisites: 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, Creative and Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.				
Diploma of Photography and Photo Imaging (CUA50915)	1 yr FT	H		V or D
Learn about the commercial, artistic and technical aspects of photography from practising industry professionals and gain a career that can take you anywhere in the world. Career opportunities: Photographer.				
Prerequisites: 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.				
Certificate IV in Photography and Photo Imaging (CUA41115)	1 yr FT/2 yrs PT	H		V or D
Gain a broad range of technical skills in digital photography, including composition, lighting, image capture, enhancements, manipulation and output. Career opportunities: Photographer.				
Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.				

Product design engineering

Bachelor of Engineering (Honours) (Professional) with a major in Product Design	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Product Design	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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. Professional accreditation: Professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Industrial designer, industrial engineer, product designer, product design engineer, entrepreneur, design consultant.				
Prerequisites: 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.				

UX interaction design

Bachelor of Design with a major in UX Interaction Design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
Create a complete user experience from beginning to end. Take on a holistic approach in UX design, from research to storyboarding to prototyping. Develop a working knowledge and literacy in web design, experience design, interaction design, games development, AR and VR applications. Your knowledge in both CSS and HTML will give you a head start in your UX career. Career opportunities: User experience designer, customer experience designer.				
Prerequisites: 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, Creative And Digital Media (VCE VET) I, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.				

🕒 Duration	📍 Location	W Wantirna	☆ Entry ATAR	RC Range of criteria	📍 Where to apply
FT Full-time	C Croydon	O Online	^ Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	# Minimum entry		D Direct

COURSE



Visual arts

Advanced Diploma of Visual Arts (CUA60715)	1 yr FT	W	V or D
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Build on your existing art practice knowledge and specialise in your chosen field. Gain the professional, technical and conceptual skills to bring your creative visions to life – through drawing and illustration, digital art, painting, photo media, printmaking, public art or sculpture.

Career opportunities: Visual artist, community arts officer, art curator.

Prerequisites: Successful completion of the Diploma of Visual Arts.

Diploma of Visual Arts (CUA51115)	1 yr FT	W	V or D
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Study a progressive, contemporary fine arts course that's run by qualified teachers and practising artists. Make the most of our purpose-built creative workshop – take photos, make prints, videos, drawings and digital images – and then exhibit them in our exhibition space.

Career opportunities: Visual artist, community arts officer, art curator.

Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

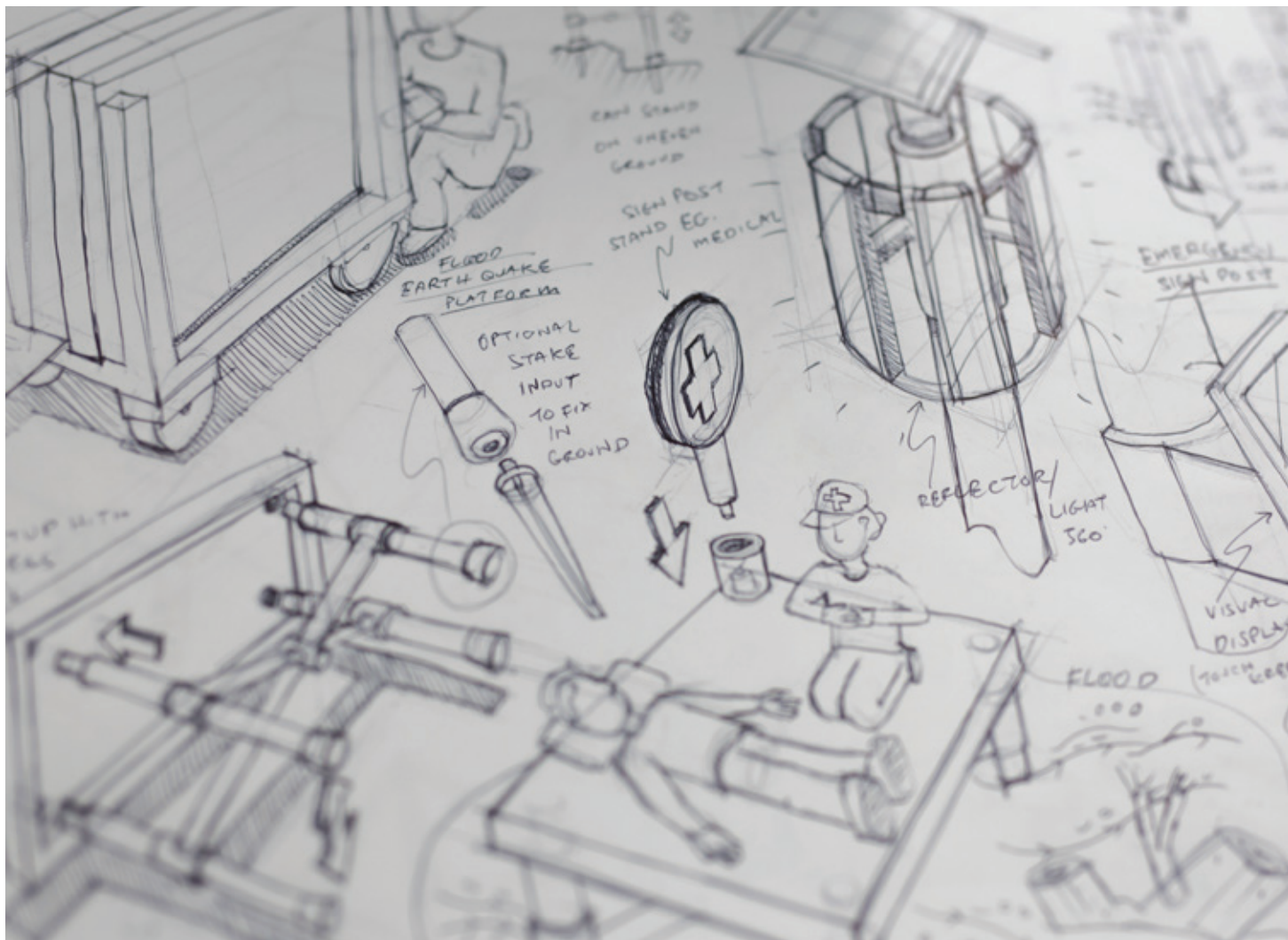
Visual merchandising

Diploma of Visual Merchandising (SIR50217)	1 yr FT	W	V or D
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Gain core skills in design principles, history and colour theory, digital styling, window styling, creative collaborations, and hands-on building of props, design and applying signage.

Career opportunities: Retailer, visual merchandiser, fashion stylist, e-commerce product visual merchandiser, event stylist.

Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.



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 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.

Professional recognition

Our teaching degrees are professionally accredited by the Australian Children's Education & Care Quality Authority (ACECQA) and the Victorian Institute of Teaching (VIT) as relevant. Both enable graduates to register and teach Australia-wide.

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective ■ Prof. Experience

Bachelor of Education (Early Childhood and Primary) 26 15

Bachelor of Education (Early Childhood Teaching) 24 44

Bachelor of Education (Primary) 24 44

Bachelor of Education Studies 16 8

Certificates and diplomas in

- Early Childhood Education and Care
- Education Support
- Teacher Education Preparation

#1
IN VICTORIA

For student support

QILT: Student Experience Survey 2018 and 2019

#1
IN VICTORIA

For overall experience

QILT: Student Experience Survey 2018 and 2019

**REAL
CLASSROOM
EXPERIENCE**

All our teaching degrees have a minimum of three placements to prepare and support you for your teaching career.





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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

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

EDUCATION

COURSE



Early childhood education and care

Bachelor of Education (Early Childhood Teaching)	4 yrs FT/8 yrs PT	H	70#	V or D
Bachelor of Education (Early Childhood Teaching)	4 yrs FT/8 yrs PT	O	70#	D

Learn how to keep tiny attention spans interested and prepare for a rewarding career in kindergartens, preschools, early learning centres and more. Discover how to respond to students and families of diverse cultures and backgrounds, including Indigenous cultures.

All students are required to have a valid police check and working with children check.

Professional accreditation: This degree is professionally accredited by the Australian Children's Education and Care Quality Authority, and Victorian Institute of Teaching.

Career opportunities: Early childhood educator.

Prerequisites: 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.

Diploma of Early Childhood Education and Care (CHC50113)	1.5 yrs FT/3 yrs PT	C H W	V or D
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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.

Career opportunities: Early childhood educator.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience. Applicants must be able to perform physical activities.

Certificate III in Early Childhood Education and Care (CHC30113)	18 wks FT 36 wks PT	C H W	D
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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.

Career opportunities: Early childhood educator.

Prerequisites: Applicants must be able to perform physical activities.

Early childhood and primary teaching

Bachelor of Education (Early Childhood and Primary)	4 yrs FT/8 yrs PT	H	70#	V or D
Bachelor of Education (Early Childhood and Primary)	4 yrs FT/8 yrs PT	O	70#	D

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.

Professional accreditation: This degree is professionally accredited by the Australian Children's Education and Care Quality Authority, and Victorian Institute of Teaching.

Career opportunities: Childcare director, childcare worker, primary school teacher.

Prerequisites: 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.

Primary teaching

Bachelor of Education (Primary)	4 yrs FT/8 yrs PT	H	70#	V or D
Bachelor of Education (Primary)	4 yrs FT/8 yrs PT	O	70#	D

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.

Professional accreditation: This degree is professionally accredited by the Victorian Institute of Teaching.

Career opportunities: Primary school teacher.

Prerequisites: 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.

⌚ Duration	📍 Location	W Wantirna	☆ Entry ATAR	RC Range of criteria	📍 Where to apply
FT Full-time	C Croydon	O Online	^ Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	# Minimum entry		D Direct

COURSE



Educational studies

Bachelor of Education Studies	3 yrs FT	H	60^	V or D
Learn how children learn. Critically review theory and practice in the primary school and early childhood areas. Plan and implement effective teaching and learning in diverse contexts. Develop the skills for the future education workforce by tailoring your electives to a variety of education environments. 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. Career opportunities: Graduates may work within the field of education in non-teaching roles such as those dedicated to policy, administration or management. Potential employment settings include government, local councils, community programs, galleries and museums, educational agencies, corporate and non-profit groups.				
Certificate IV in Education Support (CHC40213)	1 yr FT	H W		V or D
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. Career opportunities: Education support worker, teacher assistant.				
Diploma of Teacher Education Preparation (22451VIC)	1 yr FT	H		V or D
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.				



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.

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).

COURSES 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

Certificates and diplomas in

- Civil Engineering
- Construction
- Electric and Electronic
- Mechanical Engineering
- Robotics and Mechatronics

TOP
100
GLOBALLY

For civil engineering

2019 Academic Ranking of World Universities

TOP
200
GLOBALLY

For mechanical engineering

2019 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.

TOP
200
GLOBALLY

For engineering and technology

2020 THE World University Rankings





Engineering success

Jessica paved the way for a successful career in engineering – all while she was studying. In 2019, she was a finalist in the Australian Financial Review's Top 100 Future Leaders competition, won the Jacobs Engineering Consulting Award, was named 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 using what I learnt there in my studies. I'm so glad I chose Swinburne. It suited my personality. Everyone was so down-to-earth and helpful. The environment on campus is unlike anywhere else."

JESSICA

BACHELOR OF ENGINEERING (HONOURS)

ENGINEERING

COURSE



Architectural engineering

Bachelor of Engineering (Honours) (Professional) with a major in Architectural	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Architectural	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Design engineer, structural systems engineer, architectural engineer, project engineer.

Prerequisites: 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.

Biomedical engineering

Bachelor of Engineering (Honours) (Professional) with a major in Biomedical	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Biomedical	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Biomedical engineer, clinical engineer, medical device designer, medical electronics engineer.

Prerequisites: 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.

Civil engineering

Bachelor of Engineering (Honours) (Professional) with a major in Civil	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Civil	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Civil engineer, civil design engineer, structural engineer, environmental engineer.

Prerequisites: 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.

Advanced Diploma of Engineering Technology (22479VIC) – Civil Engineering Design	2yrs FT/4 yrs PT	H		V or D
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Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects.

Career opportunities: Draftsperson, technical officer, construction supervisor.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Construction

Bachelor of Engineering (Honours) (Professional) with a major in Construction	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Construction	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Construction engineer, construction manager.

Prerequisites: 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.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Construction (continued)

Advanced Diploma of Building Design (Architectural) (22477VIC)	2 yrs FT	C H	V or D
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. Career opportunities: Building designer and planner, drafting technician.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building designer.		
Diploma of Building and Construction (Building) (CPC50210)	1.5 yrs FT	H	V or D
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. Career opportunities: Construction supervisor, building works supervisor, estimator, contract administration or builder.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience, or qualified tradesperson and practising building supervisor.		
Certificate IV in Building and Construction (Building) (CPC40110)	5 mths PT	C	D
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. Career opportunities: Construction officer.	Prerequisites: Relevant construction industry experience, or undertaking an apprenticeship in the building industry.		

Electrical and electronic

Bachelor of Engineering (Honours) (Professional) with a major in Electrical and Electronic	5 yrs FT/10 yrs PT	H	85^	V
Bachelor of Engineering (Honours) with a major in Electrical and Electronic	4 yrs FT/8 yrs PT	H	75^	V or D
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. Professional accreditation: This degree is professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Electrical engineer, electronics engineer, communications engineer, power engineer, design engineer.	Prerequisites: 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.			
Advanced Diploma of Electronics and Communications Engineering (UEE60211)	2 yrs FT/4 yrs PT	H		V or D
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. Career opportunities: Technical officer, systems technician, electronics technician, technical supervisor, communication technician, service technician.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.			
Advanced Diploma of Engineering Technology – Electrical (UEE62111)	2 yrs FT	H		V or D
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. Career opportunities: Technical officer, systems technician, electrical technician, service technician.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.			
Certificate III in Electronics and Communications (UEE30911)	4 yrs PT	H		D
Gain a background in electronics, with an emphasis on digital technology, gate array technologies and the application of microcontrollers, communications and analogue electronics. Career opportunities: Technical officer, systems technician, electrical technician, service technician.	Prerequisites: Satisfactory completion of Victorian Year 11 or equivalent.			

ENGINEERING

COURSE



Engineering

Bachelor of Engineering (Honours) (Professional)	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours)	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Networking engineer, electronics designer, manufacturing specialist, communications engineer, civil infrastructure engineer, construction engineer.				
Bachelor of Engineering (Honours)/Bachelor of Business	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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 46) and Bachelor of Engineering (Honours). Career opportunities: 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.				
Bachelor of Engineering (Honours)/Bachelor of Computer Science	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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 88) and Bachelor of Engineering (Honours). Career opportunities: Software developer, design engineer, cybersecurity consultant, systems analyst, network administrator, project manager.				
Bachelor of Engineering (Honours)/Bachelor of Science	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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). Career opportunities: Communications engineer, civil infrastructure engineer, biologist, industrial chemist, food technologist, environmental scientist.				
Bachelor of Laws/Bachelor of Engineering (Honours)	6.5 yrs FT/13 yrs PT	H	85 [^]	V or D
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 at least 12 weeks of professional experience in law and engineering. Professional accreditation: See Bachelor of Engineering (Honours) and Bachelor of Laws (page 96). Career opportunities: 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.				
Associate Degree of Applied Technologies	2 yrs FT/4 yrs PT	H	RC	D
Digitalisation and Industry 4.0 demands fresh new skills and knowledge which can be transferred to the workforce of the future. This course will equip you with essential professional and technical skills in one of three specialisations: advanced manufacturing, building information modelling or cloud technologies. Study on campus at Swinburne, while also spending time with an industry partner. Career opportunities: Service technician, engineering technician, site installation technician.				

Prerequisites: 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.

Prerequisites: 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.

Prerequisites: 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.

Prerequisites: 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.

Prerequisites: 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.

Prerequisites: 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.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Engineering (continued)

Associate Degree of Engineering	2 yrs FT/4 yrs PT	H	60 [^]	V or D
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. Career opportunities: Para-professional engineer, engineering officer, associate engineer.				
Diploma of Engineering (UniLink)	8 mths FT 16 mths PT	H		V or D
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. Prerequisites: 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.				
Prerequisites: 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.				

Mechanical

Bachelor of Engineering (Honours) (Professional) with a major in Mechanical	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Mechanical	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Mechanical engineer, mechanical project engineer, design engineer, project and technology manager, engineering project manager.				
Advanced Diploma of Engineering Technology (22479VIC) – Mechanical Engineering Design	2 yrs FT/4 yrs PT	H		V or D
Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects. Career opportunities: Mechanical officer, maintenance technician, draftsman.				
Certificate IV in Engineering (MEM40119)	3 yrs PT	W		D
Develop skills to advance to positions of responsibility in manufacturing industries. Select one specialisation from: fabrication, CNC machining, or maintenance and fluid power. Career opportunities: Advanced mechanical maintenance technician, advanced toolmaker, fluid power systems technician.				
Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.				
Prerequisites: Successful completion of a welding or fitting and machining apprenticeship, or Certificate III in Engineering, or working in a mechanically related trade.				

Product design engineering

Bachelor of Engineering (Honours) (Professional) with a major in Product Design	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Product Design	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Industrial designer, industrial engineer, product designer, product design engineer, entrepreneur, design consultant.				
Prerequisites: 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.				

ENGINEERING

COURSE



Robotics and mechatronics

Bachelor of Engineering (Honours) (Professional) with a major in Robotics and Mechatronics	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Robotics and Mechatronics	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Robotics and mechatronics engineer, control systems engineer, factory automation adviser, robotics developer.

Prerequisites: 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.

Advanced Diploma of Engineering Technology (22479VIC) – Mechatronic Engineering Design	2 yrs FT/4 yrs PT	H		V or D
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Gain technical skills and knowledge needed to apply engineering and scientific principles when managing, designing or executing projects.

Career opportunities: Technical officer, systems technician, draftsman.

Prerequisites: Satisfactory completion of Victorian Year 12/or equivalent, or relevant work experience.

Software engineering

Bachelor of Engineering (Honours) (Professional) with a major in Software	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Software	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Software engineer, software systems developer, software modeller, project and technology manager.

Prerequisites: 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.

Telecommunications

Bachelor of Engineering (Honours) (Professional) with a major in Telecommunications	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Telecommunications	4 yrs FT/8 yrs PT	H	75 [^]	V or D

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.

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

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

Career opportunities: Network engineer, telecommunication network designer, telecommunication network developer, network architect, telecommunications engineer.

Prerequisites: 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.

⌚ Duration

FT Full-time
PT Part-time

📍 Location

W Wantirna
C Croydon
O Online
H Hawthorn
EV External venue

★ Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

📁 Where to apply

V VTAC
D Direct

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?

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.

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Animation 8 8 8

Bachelor of Film and Television (Honours) 8 16 8

Bachelor of Screen Production 4 8 12

Certificates and diplomas in

- Animation
- Film and Screen Production
- Screen and Media
- Sports Media

WORLD'S BEST

"Swinburne is 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 68th Berlin International Film Festival.

BEST DOCO

Graduate Simon Direen's *A Life Together* was 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

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



FILM AND TELEVISION

COURSE

Animation

Bachelor of Animation	3 yrs FT/6 yrs PT	H	60^	V or D
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.				
Career opportunities: 2D and 3D animators, stop motion animator, director, producer, screenwriter, editor.				
Bachelor of Games and Interactivity/Bachelor of Animation	4 yrs FT/8 yrs PT	H	60^	V or D
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.				
Career opportunities: Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.				
Advanced Diploma of Screen and Media (CUA60615) – Animation	1 yr FT	H		V or D
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 storyboarding techniques, and production processes for animation, including 2D and 3D animation and special effects.				
Career opportunities: Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.				
Diploma of Screen and Media (CUA51015) – Animation	1 yr FT	H		V or D
Engage in a dynamic, creative and technical approach to the production of animation content for the screen and media industries. Learn pre-visualisation and storyboarding techniques, and production processes for animation, including 2D and 3D animation and special effects.				
Career opportunities: Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.				

Film and screen production

Bachelor of Film and Television (Honours)	4 yrs FT/8 yrs PT	H	85#	V or D
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.				
Career opportunities: Screenwriter, director, cinematographer, editor, producer, post production manager.				
Bachelor of Screen Production	3 yrs FT/6 yrs PT	H	60^	V or D
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.				
Career opportunities: Digital media producer, digital sound production, social media specialist, digital project manager, digital media consultant.				
Advanced Diploma of Screen and Media (CUA60615) – Film and Television	1 yr FT	H		V or D
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.				
Career opportunities: Producer, director, cinematographer, screenwriter, editor, visual effects artist, production manager.				
Diploma of Screen and Media (CUA51015) – Film and Television	1 yr FT	H		V or D
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.				
Career opportunities: Producer, production manager, screenwriter, camera assistant, director of photography, lighting assistant, editor, visual effects artist.				

 Duration	 Location	W Wantirna	 Entry ATAR	RC Range of criteria	 Where to apply
FT Full-time	C Croydon	O Online	[^] Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	[#] Minimum entry		D Direct

FILM AND TELEVISION

COURSE



Screen and media

Certificate IV in Screen and Media (CUA41215)

1 yr FT

H

V or D

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.

Career opportunities: Technical assistant, production assistant, assistant director, camera operator, audio and visual editor.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent or relevant work experience.

Sports media

Diploma of Screen and Media (CUA51015) – Sports Media

1 yr FT

H

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.

Career opportunities: Sports journalist, sports commentator, sports writer, sports researcher/programmer, sports public relations writer or a multimedia/digital content producer within sports marketing and media.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.



⌚ Duration

FT Full-time
PT Part-time

📍 Location

C Croydon
H Hawthorn

W Wantirna

O Online

EV External venue

★ Entry ATAR

^ Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

📁 Where to apply

V VTAC
D Direct

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).

COURSES 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
• Motion 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 in the world

It's a pretty handy credit to add to your LinkedIn profile. And it's one that a group of Swinburne students claimed at LA's prestigious The Game Awards in 2017. Their entry, a 2D puzzle platformer game called *Level Squared* (or *LVL2*), won the inaugural Student Game Award, beating out entries from all over the world. Not bad for a first effort.

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

GAMES AND ANIMATION

COURSE				
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Animation

Bachelor of Animation 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. Career opportunities: Cinematographer, editor, 2D and 3D animators, stop motion animator, director, producer, screenwriter.	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Games and Interactivity/Bachelor of Animation 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. Career opportunities: Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.	4 yrs FT/8 yrs PT	H	60 [^]	V or D
Advanced Diploma of Screen and Media (CUA60615) – Animation 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 storyboarding techniques, and production processes for animation, including 2D and 3D animation and special effects. Career opportunities: Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.	1 yr FT	H		V or D
Diploma of Screen and Media (CUA51015) – Animation Engage in a dynamic, creative and technical approach to the production of animation content for the screen and media industries. Learn pre-visualisation and storyboarding techniques, and production processes for animation, including 2D and 3D animation and special effects. Career opportunities: Animator, visual effects designer, digital artist, production coordinator, motion effects developer, 2D animator, 3D animator.	1 yr FT	H		V or D
Certificate IV in Screen and Media (CUA41215) 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. Career opportunities: Technical assistant, production assistant.	1 yr FT	H		V or D

Digital and interactive games

Diploma of Digital and Interactive Games (ICT50215) 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. Career opportunities: Multimedia designer, multimedia producer, 2D animator, 3D animator, texture artist, games developer.	1 yr FT/2 yrs PT	H		V or D
Certificate IV in Digital and Interactive Games (ICT40915) Learn about games design, game development using the Unity game engine, programming, 3D modelling and animation, and project management. Career opportunities: Multimedia designer, multimedia producer, 2D animator, 3D animator, texture artist, games developer.	1 yr FT/2 yrs PT	H		V or D

Duration FT Full-time PT Part-time	Location C Croydon H Hawthorn W Wantirna O Online EV External venue	Entry ATAR [^] Guaranteed entry # Minimum entry	RC Range of criteria <i>For more information about ATARs, please refer to page 23.</i>	Where to apply V VTAC D Direct
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GAMES AND ANIMATION

COURSE



Games and interactivity

Bachelor of Arts (Professional) with a major in Games and Interactivity	4 yrs FT/8 yrs PT	H	80 [^]	V
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Bachelor of Arts with a major in Games and Interactivity	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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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.

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

Career opportunities: Games developer, media producer, multimedia developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Games and Interactivity	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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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 99).

Career opportunities: Games developer, multimedia developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Games and Interactivity/Bachelor of Animation	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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.

Career opportunities: Cinematographer, 2D and 3D animators, stop motion animator, games developer, media producer, multimedia developer, video games developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Games and Interactivity/Bachelor of Computer Science	4yrs FT/8yrs PT	H	70 [^]	V or D
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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 88).

Career opportunities: Video games developer, computer programmer, animator.

Prerequisites: 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).

Bachelor of Media and Communication (Professional) with a major in Games and Interactivity	4 yrs FT/8 yrs PT	H	80 [^]	V
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Bachelor of Media and Communication with a major in Games and Interactivity	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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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.

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

Career opportunities: Games developer, media producer, multimedia developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Games development

Bachelor of Computer Science (Professional) with a major in Games Development	4 yrs FT/8 yrs PT	H	80 [^]	V
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Bachelor of Computer Science with a major in Games Development	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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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 88).

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

Career opportunities: Software developer, video games developer, computer programmer, data solution manager.

Prerequisites: 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).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Motion design

Bachelor of Design with a major in Motion Design

3 yrs FT/6 yrs PT H 70[^] V or D

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

Career opportunities: Motion designer, digital designer, animator, video producer, design consultant.

Prerequisites: 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, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.

Website design and development

Diploma of Information Technology (ICT50118) – Website Design and Development

1 yr FT H V or D

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.

Career opportunities: Web developer, web animator, project manager.

Prerequisites: Satisfactory completion of Year 12 or equivalent or relevant work experience.



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 practice 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.

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Exercise and Sport Science 20 4

Bachelor of Health Science 8 8 8

- Biomedical Science
- Clinical Technologies
- Health Promotion
- Neuroscience
- Nutrition
- Psychology and Forensic Science
- Psychology and Psychophysiology

Certificates and diplomas in

- Community Services
- Health Science
- Sports Management

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





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



Biomedical

Bachelor of Health Science (Professional) with a major in Biomedical Science	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Biomedical Science	3 yrs FT/6 yrs PT	H	60 [^]	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.

Prerequisites: 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 major have completed some prior study in Mathematics.

Clinical technologies

Bachelor of Health Science (Professional) with a major in Clinical Technologies	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Clinical Technologies	3 yrs FT/6 yrs PT	H	60 [^]	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.

Prerequisites: 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 Clinical Technologies major have completed some prior study in Mathematics.

Community services

Diploma of Community Services (CHC52015)	1.5 yrs FT/3 yrs PT	C H W		V or D
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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.

Prerequisites: Satisfactory completion of Year 12 or equivalent. Non-school leavers without formal qualifications are welcome to apply. Applicants must be at least 18 years of age, have a valid Working With Children Check, valid Police Check, and demonstrate competency in literacy and numeracy.

Certificate III in Individual Support (Ageing, Home and Community) (CHC33015)	6 mths FT	W		D
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Start a rewarding career in individual and aged care support. Join a rapidly growing industry. Know that you're making a direct, positive impact on someone's life. Build your technical and soft skills, including interpersonal communication skills, relationship building skills and working with people who have diverse needs. Give physical and social support. Get hands-on with our state-of-the-art facilities. Plus, get job-ready before you graduate with a clinical placement.

Students are required to have a valid police check and working with children check.

Career opportunities: Community worker, disability worker, aged care worker.

Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Applicants must have a valid Working With Children Check, valid Police Check, and demonstrate competency in literacy and numeracy.

Certificate IV in Allied Health Assistance (Physiotherapy, Occupational Therapy) (HLT43015)	6 mths FT	W		V or D
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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 and occupational therapists. Students are required to have a valid police check and working with children check.

Career opportunities: Allied health assistant.

Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Applicants must have a valid Working With Children Check, valid Police Check.

Certificate IV in Allied Health Assistance (HLT43015) – Sport and Fitness	9 mths FT	H		D
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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).

Career opportunities: Allied Health Assistant with a focus on the health and fitness industry.

Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Applicants must have a valid Working With Children Check, and Police Check.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Community services (continued)

Certificate IV in Community Services (CHC42015)	1 yr FT	C H W	V or D
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. Career opportunities: Family support worker, case worker, juvenile justice worker, child protection worker, mental health support worker.	Prerequisites: Satisfactory completion of year 12 or equivalent. Applicants must be at least 17 years of age.		
Certificate IV in Mental Health (CHC43315)	6 mths FT	C W	V or D
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. Career opportunities: Mental health support worker, mental health case worker.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.		
Certificate IV in Youth Work (CHC40413)	1 yr FT	H C	V or D
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. Career opportunities: Youth worker, support worker (youth), community development worker (youth), juvenile justice worker, recreational activities youth worker.	Prerequisites: Satisfactory completion of Year 12 or equivalent. Applicants must be at least 18 years of age, have a valid Working With Children Check, valid Police Check, and demonstrate competency in literacy and numeracy.		

Exercise science

Bachelor of Exercise and Sport Science	3 yrs FT/6 yrs PT	H	60 [^]	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. Career opportunities: Sports scientist, performance analyst, coaching/development officer, strength and conditioning specialist, cardiac technician.	Prerequisites: 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.			

Health promotion

Bachelor of Health Science (Professional) with a major in Health Promotion	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Health Promotion	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Community developer, health education and promotion officer, policy developer, government officer, community officer, project officer.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			

Health science

Bachelor of Health Science (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Community developer, disability officer, data scientist, biomedical scientist.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			
Bachelor of Health Science/Bachelor of Arts	4 yrs FT/8 yrs PT	H	60 [^]	V or D
Be equipped with a wide range of research and analytical skills and specialise in multiple disciplines across health, humanities and media. Choose from a diverse range of health science and arts majors to create an engaging program to suit a wide range of graduate employment outcomes. Career opportunities: Recent graduates have gone on to work in government, health research, medicine, nutrition, community work, journalism, film and advertising.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			

COURSE



Health science (continued)

Bachelor of Health Science/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	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 46) and Bachelor of Health Science. Career opportunities: Medical researcher, data scientist, biomedical scientist, business manager, public relations officer, project manager.				
Bachelor of Health Science/Bachelor of Media and Communication	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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 103). Career opportunities: Medical researcher, data scientist, biomedical scientist, health communicator, public relations officer, advertising consultant, journalist, journal editor.				
Bachelor of Health Science/Bachelor of Science	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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 114). Career opportunities: Medical researcher, data scientist, biomedical scientist, biologist, industrial chemist, environmental scientist.				
Diploma of Health Science (UniLink)	8 mths FT 16 mths PT	H		V or D
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. Prerequisites: Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL).				

Neuroscience

Bachelor of Health Science (Professional) with a major in Neuroscience	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Neuroscience	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Neuroscientist, pharmaceutical representative, medical device technician, hospital scientist, clinical neurophysiology technologist, clinical trials manager, sleep technician.				

Nutrition

Bachelor of Health Science (Professional) with a major in Nutrition	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Nutrition	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Nutritionist, nutrition analyst, nutrition teacher, nutrition researcher, public health worker, health program developer, digital content developer.				

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Psychology and forensic science

Bachelor of Health Science (Professional) with a major in Psychology and Forensic Science	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Psychology and Forensic Science	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

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

Career opportunities: Psychologist (with further study), forensic psychologist, behavioural therapist, medical researcher, counsellor, youth worker.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Psychology and psychophysiology

Bachelor of Health Science (Professional) with a major in Psychology and Psychophysiology	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Psychology and Psychophysiology	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

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

Career opportunities: Scientist, technologist, psychologist (with further study), psychophysiology (with further study).

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Sports management

Diploma of Sport (Sport Development)/Diploma of Leadership and Management (SIS50319/BSB51915)	1 yr FT	H EV	D
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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.

Career opportunities: Program developer, talent development manager, sport development manager, leisure and recreational facility co-ordinator, sport and recreation community development officer.

Prerequisites: Successful completion of Victorian Year 12 or equivalent, or relevant work experience.

Diploma of Sport (Sport Development) (SIS50319)	1 yr FT	EV	D
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This regionally delivered course combines 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.

Career opportunities: Competition manager, program developer, talent development manager, leisure and recreational facility coordinator, sport and recreation development officer.

Prerequisites: Successful completion of Victorian Year 12 or equivalent, or relevant work experience.

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.



OUR COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective ■ Prof.Placement

Bachelor of Business 8 8 8
• Information Systems

Bachelor of Business Information Systems 8 8 8
• 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 Business Information Technology (Professional) 16 8 8

Certificates and diplomas in
• Cybersecurity
• Information Technology
• Networks
• Software
• Website Design and Development

**OUR GRADS
EARN
\$2.1K MORE**

**Than the national
median salary**
Graduate Outcomes Survey 2017-2019

#1

For student experience
According to our graduates.

QILT Course Experience Questionnaire 2018-2019, compared to other universities in Melbourne.

**\$1.1M
CISCO
NETWORKING
ACADEMY**

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



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

**BACHELOR OF INFORMATION
AND COMMUNICATION TECHNOLOGY**

INFORMATION TECHNOLOGY

COURSE



Business analysis

Bachelor of Business Information Systems with a major in Business Analysis	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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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.

Career opportunities: Systems analyst, systems architect, business analyst, requirements analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Business information systems

Bachelor of Business (Professional) with a major in Information Systems	4 yrs FT/8 yrs PT	H	80 [^]	V
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Bachelor of Business with a major in Information Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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Learn about business analysis and problem-solving, systems analysis, project management, the provision of information systems services, social media in organisations and mobile business.

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

Career opportunities: Business IT manager, business analyst, information architect, manager, IT consultant, systems analyst and tester.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Business Information Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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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.

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

Career opportunities: Systems analyst, systems architect, business IT manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Business Information Systems/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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 46) and Bachelor of Business Information Systems.

Career opportunities: Business IT manager, financial adviser, economist, marketing researcher, business analyst, information architect, manager, IT consultant, systems analyst and tester.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Business systems

Bachelor of Information and Communication Technology with a major in Business Systems	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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Bachelor of Information and Communication Technology with a major in Business Systems	3 yrs FT/6 yrs PT	O	60 [^]	D
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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.

Career opportunities: Business analyst, database analyst, information systems coordinator, management information systems analyst, project manager.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Computer science

Bachelor of Computer Science (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
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Bachelor of Computer Science	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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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.

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

Professional placement: The Bachelor of Computer Science (Professional) includes a 12-month work placement.

Career opportunities: Software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.

Prerequisites: 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).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Computer science (continued)

Bachelor of Engineering (Honours)/Bachelor of Computer Science	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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 68). Career opportunities: Telecommunications engineer, electrical and electronic engineer, software developer, design engineer, cybersecurity consultant, systems analyst, network administrator.				
Bachelor of Games and Interactivity/Bachelor of Computer Science	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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. Career opportunities: Video games developer, computer programmer, internet systems developer, multimedia developer, systems analyst, animator.				
Bachelor of Laws/Bachelor of Computer Science	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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 97). Career opportunities: Solicitor, lawyer, legal adviser, software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.				

Cybersecurity

Bachelor of Computer Science (Professional) with a major in Cybersecurity	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Cybersecurity	3 yrs FT/6 yrs PT	H	70 [^]	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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Software developer, cybersecurity consultant, digital forensics expert, information system security officer, data analyst, digital developer, IT consultant, cybersecurity system designer.				
Certificate IV in Cyber Security (22334VIC)	1 yr FT	H		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. Prerequisites: Satisfactory completion of Year 10 or equivalent.				

Data analytics

Bachelor of Business Information Systems with a major in Data Analytics	3 yrs FT/6 yrs PT	H	60 [^]	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. Career opportunities: Business analyst, data analyst, business intelligence analyst, information management specialist, business solutions consultant.				

Data management

Bachelor of Business Information Systems with a major in Data Management	3 yrs FT/6 yrs PT	H	60 [^]	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. Career opportunities: Database architect, database designer, database application developer, data services manager, data analyst.				

INFORMATION TECHNOLOGY

COURSE



Data science

Bachelor of Computer Science (Professional) with a major in Data Science	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Data Science	3 yrs FT/6 yrs PT	H	70 [^]	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.

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

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

Career opportunities: Business analyst, data scientist, data solutions manager, information systems analyst, market intelligence analyst.

Prerequisites: 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).

Games development

Bachelor of Computer Science (Professional) with a major in Games Development	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Games Development	3 yrs FT/6 yrs PT	H	70 [^]	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.

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

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

Career opportunities: Software developer, video game creator, computer programmer, data solutions manager.

Prerequisites: 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).

Bachelor of Games and Interactivity/Bachelor of Computer Science	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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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.

Career opportunities: Video games developer, computer programmer, internet systems developer, multimedia developer, systems analyst, animator.

Prerequisites: 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).

Information technology

Bachelor of Business Information Technology (Professional)	3 yrs FT	H	75 [#]	V or D
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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.

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

Career opportunities: Project manager, business analyst, information architect, business requirements analyst.

*Conditions apply.

Prerequisites: 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. Short-listed applicants must attend an interview.

Bachelor of Information and Communication Technology	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

Career opportunities: Project manager, multimedia developer, systems architect, business requirements analyst, computer programmer, application integration specialist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Information Technology (UniLink)	8 mths FT 16 mths PT	H		V or D
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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.

Prerequisites: Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Information technology (continued)

Associate Degree of Applied Technologies	2 yrs FT/4 yrs PT	H	RC	D
Digitalisation and Industry 4.0 demands fresh new skills and knowledge which can be transferred to the workforce of the future. This course will equip you with essential professional and technical skills in one of three specialisations: advanced manufacturing, building information modelling or cloud technologies. Study on campus at Swinburne, while also spending time with an industry partner. Career opportunities: Service technician, engineering technician, site installation technician.				
Prerequisites: 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.				

Internet of Things

Bachelor of Computer Science (Professional) with a major in Internet of Things	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Internet of Things	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Mobile application developer, full-stack software developer, solution architect, consultant, data scientist.				
Prerequisites: 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).				

Networks

Bachelor of Computer Science (Professional) with a major in Network Design	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Network Design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Network technician, telecommunication network designer, telecommunication network developer, network architect, software developer, data analyst, IT consultant.				
Prerequisites: 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).				
Bachelor of Information and Communication Technology with a major in Network Technology	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Network Technology	3 yrs FT/6 yrs PT	O	60 [^]	D
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. Career opportunities: Network technician, telecommunication network designer, telecommunication network developer, network architect, software developer, data analyst, IT consultant.				
Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).				
Diploma of Information Technology Networking (ICT50418)	1 yr FT	H		V or D
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. Career opportunities: Customer support, database support, network support technician, computer support technician, user support technician.				
Prerequisites: Successful completion of Certificate IV in Information Technology Networking or demonstrated experience in network support.				
Certificate IV in Information Technology Networking (ICT40418)	1 yr FT	H		V or D
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. Career opportunities: Customer support, database support, network support technician, computer support technician, user support technician.				
Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.				

INFORMATION TECHNOLOGY

COURSE



Software

Bachelor of Computer Science (Professional) with a major in Software Design	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Software Design	3 yrs FT/6 yrs PT	H	70 [^]	V or D
Learn the algorithms that drive big data, facilitate green computing and cybersecurity, and underpin the next generation of computer systems. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Software designer, systems developer, financial analyst, software modeller, project and technology manager.				
Bachelor of Computer Science (Professional) with a major in Software Development	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Computer Science with a major in Software Development	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.				
Bachelor of Engineering (Honours) (Professional) with a major in Software	5 yrs FT/10 yrs PT	H	85 [^]	V
Bachelor of Engineering (Honours) with a major in Software	4 yrs FT/8 yrs PT	H	75 [^]	V or D
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. Professional accreditation: Professionally accredited by Engineers Australia. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Software engineer, software systems developer, software modeller, project and technology manager.				
Bachelor of Information and Communication Technology with a major in Software Technology	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Software Technology	3 yrs FT/6 yrs PT	O	60 [^]	D
Learn how to enhance and maintain existing applications and assist in the choice of software for the needs of an organisation. Professional accreditation: This degree is professionally accredited by the Australian Computer Society. Career opportunities: Systems architect, business requirements analyst, technical writer, application integration specialist, software developer.				
Diploma of Software Development (ICT50718)	1 yr FT	H		V or D
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 Career opportunities: Application developer, user interface analyst, data mining specialist, support programmer, web application developer.				
Certificate IV in Information Technology (ICT40118)	1 yr FT	H		V or D
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. Career opportunities: Computer programmer, database administrator, IT support professional.				

Prerequisites: 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).

Prerequisites: 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).

Prerequisites: 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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Prerequisites: Successful completion of Certificate IV in Information Technology (ICT40115), or equivalent.

Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Systems

Bachelor of Information and Communication Technology with a major in Systems Analysis	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Systems Analysis	3 yrs FT/6 yrs PT	O	60 [^]	D

Learn how to redesign business processes and describe the software and web applications that assist in creating more efficient working environments.

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

Career opportunities: Quality assurance analyst, business requirements analyst, user interface analyst, business analyst, database analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Information and Communication Technology with a major in Systems Management	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Information and Communication Technology with a major in Systems Management	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

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

Career opportunities: Project manager, multimedia developer, systems architect, data mining specialist, help desk manager, business analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Website design and development

Diploma of Information Technology (ICT50118) – Website Design and Development	1yr FT	H		V or D
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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.

Career opportunities: Web developer, web animator, project manager.

Prerequisites: Satisfactory completion of Year 12 or equivalent or relevant work experience.



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.

To futureproof your career, we emphasise innovation, technology and intellectual property in our courses. Want to really stand out from the crowd? Consider our range of double degrees.

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.

COURSES AT A GLANCE

Unit types ■ Core ■ Elective ■ Prof. Experience

Bachelor of Criminal Justice and Criminology

16 8

Bachelor of Laws

19 13 3

Certificates and diplomas in

- Justice
- Legal Services

20:1

Student:teacher ratio

Good Universities Guide 2019

83%
**SECURED
JOBS BEFORE
GRADUATING**

**Employers include Mills
Oakley, Minter Ellison
and Prior Law**





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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 transferable 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

BACHELOR OF LAWS

COURSE



Criminology

Bachelor of Criminal Justice and Criminology	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Criminal Justice and Criminology	3 yrs FT/6 yrs PT	O	60 [^]	D

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 practices. 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.

Career opportunities: Law enforcement officer, intelligence analyst, investigator, crime analyst, victim support worker, government policy writer, corrections officer.

Prerequisites: Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.

Bachelor of Laws/Bachelor of Criminal Justice and Criminology	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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This is the only double degree of its kind in Victoria, combining an accredited law degree with specialised study on the causes of crime (criminology) and the fallout of crime (criminal justice).

You'll graduate with the ability to evaluate the causes and ramifications of crime, assess the consequences on victims and the community, and build a career in criminal prosecution, criminal defence or government policy development. Also see the Bachelor of Arts in Criminology (page 30)

Career opportunities: Solicitor, lawyer, legal adviser, law enforcement officer, victim support worker, government policy writer, policy consultant.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Psychological Sciences/Bachelor of Criminal Justice and Criminology	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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Learn about the causes of crime and the consequences of criminal behaviour while also gaining the skills and knowledge required to explain human behaviour and relationships.

This double degree will prepare you to work in the areas of law enforcement, corrections, offender rehabilitation and policy development. It also forms part of an Australian Psychology Accreditation Council (APAC) accredited pathway to becoming a registered psychologist. Graduates who demonstrate a high level of performance are eligible to apply for the Bachelor of Psychological Sciences (Honours) program.

Career opportunities: Psychologist (with further study), intelligence analyst, investigator, crime analyst, victim support worker, government policy writer, corrections officer, social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer, security analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Law profession

Bachelor of Laws	4 yrs FT/8 yrs PT	H	85 [^]	V or D
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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.

Career opportunities: Solicitor, lawyer, legal adviser.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Laws/Bachelor of Arts	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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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 28) and Bachelor of Laws.

Career opportunities: Lawyer, public servant, media manager, communications manager, consultant, publisher, legal adviser, human rights advocate, journalist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Laws/Bachelor of Aviation Management	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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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.

Career opportunities: Lawyer, consultant, manager, compliance and regulation manager, project manager.

Prerequisites: 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.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	<i>For more information about ATARs, please refer to page 23.</i>	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Law profession (continued)

Bachelor of Laws/Bachelor of Business 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 46) and Bachelor of Laws. Career opportunities: Solicitor, lawyer, legal adviser, entrepreneur, business owner, banking and finance adviser, industrial relations consultant, corporate counsellor, financial analyst, policy adviser.	5 yrs FT/10 yrs PT	H	85 [^]	V or D
Bachelor of Laws/Bachelor of Business Information Systems 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 48) and Bachelor of Laws. Career opportunities: Lawyer, corporate counsellor, manager, compliance and regulation manager, project manager, business systems manager, policy researcher, commercial/business analyst, business consultant.	5 yrs FT/10 yrs PT	H	85 [^]	V or D
Bachelor of Laws/Bachelor of Computer Science 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 88) and Bachelor of Laws. Career opportunities: Solicitor, lawyer, legal adviser, software developer, games developer, cybersecurity consultant, data analyst, digital developer, IT consultant, network designer.	5 yrs FT/10 yrs PT	H	85 [^]	V or D
Bachelor of Laws/Bachelor of Engineering (Honours) 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 68) and Bachelor of Laws. Career opportunities: Solicitor, lawyer, legal adviser, corporate counsellor, manager, compliance and regulation manager, project manager, entrepreneur, intellectual property lawyer, commercial lawyer, startup legal adviser, construction engineer, software engineer, civil engineer, biomedical engineer, industrial engineer, robotics and mechatronics engineer.	6.5 yrs FT/13 yrs PT	H	85 [^]	V or D
Bachelor of Laws/Bachelor of Media and Communication 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 99) and Bachelor of Laws. Career opportunities: Lawyer, solicitor, legal adviser, public relations manager, corporate communications manager, journalist, professional writer, business development manager.	5 yrs FT/10 yrs PT	H	85 [^]	V or D
Bachelor of Laws/Bachelor of Science 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. Career opportunities: Lawyer, environmental lawyer, corporate counsellor, scientist, forensic science technician, crime science officer, compliance and regulation manager, researcher, policy researcher/analyst.	5 yrs FT/10 yrs PT	H	85 [^]	V or D

COURSE



Justice and legal services

Advanced Diploma of Justice (22321VIC)	1 yr FT/2 yrs PT	H	D
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. This program is also designed to prepare graduates and improve competitiveness for recruitment into Victoria Police and other policing roles such as Protective Services and Police Custody Officers (PCOs) and careers with Australia Border Force. Career opportunities: Australian Customs officer, Clerks of Court, Registrar of Courts, community corrections officer, community liaison officer, court services officer, cultural affairs officer, intelligence officer, fraud investigator, legal assistant, parole/probation officer, prison officer.	Prerequisites: Successful completion of, or demonstrated equivalence to, the units of competency that comprise the core units of Diploma of Justice (22320VIC).		
Diploma of Justice (22320VIC)	1 yr FT/2 yrs PT	H C	V or D
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. Career opportunities: Law clerk, clerks of court, customs officer, unsworn members of Victoria Police in areas of administration, statutory compliance officers, local/municipal law enforcement officers.	Prerequisites: Applicants will be required to complete a supervised literacy and numeracy assessment to demonstrate they meet the required level.		
Diploma of Legal Services (BSB52215)	6 mths FT/1 yr PT	H	V or D
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. Career opportunities: Legal secretary, administrator, assistant paralegal, law clerk, personal assistant.	Prerequisites: Successful completion of Certificate IV in Legal Services or equivalent, or relevant work experience.		
Certificate IV in Legal Services (BSB42215)	6 mths FT/1 yr PT	H	V or D
Learn about working with contracts and other legal documents to provide support in a range of legal service settings. Career opportunities: Legal secretary, administrator, legal assistant.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.		

Duration	Location	Entry ATAR	Where to apply
FT Full-time	C Croydon	^ Guaranteed entry	V VTAC
PT Part-time	H Hawthorn	# Minimum entry	D Direct

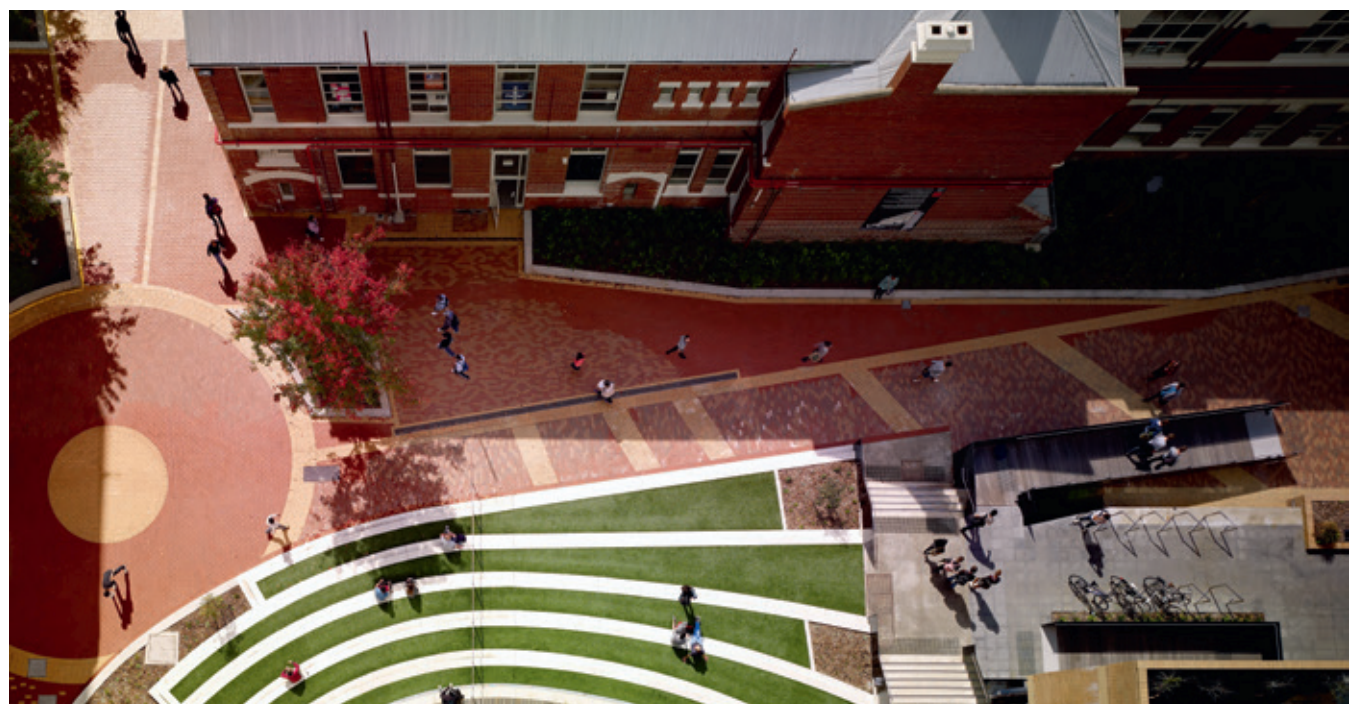
W Wantirna

O Online

EV External venue

RC Range of criteria

For more information about ATARs, please refer to page 23.



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 a 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.

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Media and Communication

4 8 12

- Advertising
- Cinema and Screen Studies
- Creative Writing and 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

#1
IN VICTORIA

Graduate starting salary

The median starting salary for our grads is equal highest in the state.

QILT: Graduate Outcomes Survey 2017-2019

**AUSTRALIA'S
1ST ADOBE
CREATIVE
CAMPUS**

**Get free access to the
Creative Cloud and over
20+ apps**





“

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

CATHERINE

**BACHELOR OF MEDIA
AND COMMUNICATION**

MEDIA AND COMMUNICATION

COURSE



Advertising

Bachelor of Media and Communication (Professional) with a major in Advertising	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Advertising	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Media and Communication with a major in Advertising	3 yrs FT/6 yrs PT	O	60 [^]	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 major is professionally accredited by the Media Federation of Australia. Also see Arts and Humanities (page 27).

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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Cinema and screen studies

Bachelor of Media and Communication (Professional) with a major in Cinema and Screen Studies	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Cinema and Screen Studies	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 Arts and Humanities (page 27).

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

Career opportunities: Broadcast presenter, film researcher, production coordinator, community arts worker, film distribution coordinator, film festival manager, entertainment journalist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Creative writing and literature

Bachelor of Media and Communication (Professional) with a major in Creative Writing and Literature	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Creative Writing and Literature	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 Arts and Humanities (page 27).

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

Career opportunities: Journalist, publisher, writer, editor, novelist, screenwriter, producer, advertising consultant.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Digital advertising technology

Bachelor of Media and Communication (Professional) with a major in Digital Advertising Technology	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Digital Advertising Technology	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 Arts and Humanities (page 27).

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

Career opportunities: 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.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration

FT Full-time
PT Part-time

Location

C Croydon
H Hawthorn
W Wantirna
O Online
EV External venue

Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

Where to apply

V VTAC
D Direct

MEDIA AND COMMUNICATION

COURSE



Games and interactivity

Bachelor of Media and Communication (Professional) with a major in Games and Interactivity	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Games and Interactivity	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 27) and Games and Animation (page 75).

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

Career opportunities: Games developer, media producer, multimedia developer, video games developer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Journalism

Bachelor of Media and Communication (Professional) with a major in Journalism	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Journalism	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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 27).

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

Career opportunities: Journalist, publisher, writer, editor, digital advertising specialist, television presenter, radio presenter, investigative reporter, social commentator, social media coordinator, digital content manager, radio producer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Diploma of Screen and Media (CUA51015) – Sports Media	1 yr FT	H		D
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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.

Career opportunities: Sports journalist, social media coordinator, video/podcast producer, project manager, campaign manager, media manager.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Media and communication

Bachelor of Media and Communication (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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, media officer, public relations officer, advertising consultant, journalist, writer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Media and Communication/Bachelor of Business	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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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 46) and Bachelor of Media and Communication.

Career opportunities: Entrepreneur, business manager, brand strategist, social media coordinator, digital content producer, marketing and sales professional, public relations specialist, communications adviser, advertising executive, business journalist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Media and communication (continued)

Bachelor of Design/Bachelor of Media and Communication	4 yrs FT/8 yrs PT	H	70 [^]	V or D
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. Career opportunities: 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.	Prerequisites: 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.			
Bachelor of Health Science/Bachelor of Media and Communication	4 yrs FT/8 yrs Pt	H	60 [^]	V or D
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 83) and Bachelor of Media and Communication. Career opportunities: Medical researcher, psychologist (with further study), data scientist, biomedical scientist, health communicator, public relations officer, advertising consultant, journalist, journal editor.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			
Bachelor of Laws/Bachelor of Media and Communication	5 yrs FT/10 yrs PT	H	85 [^]	V or D
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 97). Career opportunities: Lawyer, solicitor, legal adviser, public relations manager, corporate communications manager, journalist, professional writer, business development manager.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			
Diploma of Arts and Communication (UniLink)	8 mths FT 16 mths PT	H		V or D
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.	Prerequisites: Units 3 and 4: a minimum study score of 20 in English (or equivalent) or 25 in English (EAL).			

Media industries

Bachelor of Media and Communication (Professional) with a major in Media Industries	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Media Industries	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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 27). Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Public relations officer, advertising consultant, journalist, communications coordinator, content developer, media policy developer, radio production coordinator, digital media account manager.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			

Media studies

Bachelor of Media and Communication with a major in Media Studies	3 yrs FT/6 yrs PT	O	60 [^]	D
Learn about globalisation, media ethics and social media, and how to reach audiences effectively through both traditional and digital media. Be equipped with the skills to write for print, broadcast and digital media, create engaging cross-platform content, and produce digital media projects. Career opportunities: Public relations officer, marketing officer, digital marketing specialist, communications coordinator, radio production coordinator, digital media account manager.	Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).			

MEDIA AND COMMUNICATION

COURSE



Professional writing and editing

Bachelor of Media and Communication (Professional) with a major in Professional Writing and Editing	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Professional Writing and Editing	3 yrs FT/6 yrs PT	H	60 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Journalist, publisher, writer, editor, communications officer, reporter, public relations officer, novelist, screenwriter, copywriter.				
Diploma of Professional Writing and Editing (CUA50118)	1 yr FT	H		V or D
Gain an understanding of creative arts industry laws, regulations and practices. Learn about freelancing and project management. Refine your writing and editing skills and develop a portfolio of work including persuasive copy, scripts, media writing, extended stories and novels. Career opportunities: Journalist, publisher, writer, editor, public relations officer.				
Certificate IV in Professional Writing and Editing (CUA40118)	1 yr FT	H		V or D
Learn how to work effectively in the creative arts industry and develop your writing, editing and proofreading skills. Build a portfolio of work in fiction and non-fiction including short narratives, business and public relations documents and short scripts. Career opportunities: Journalist, writer, editor, proofreader.				

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Prerequisites: Certificate IV in Professional Writing and Editing or equivalent, or industry experience.

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, and demonstrate a high level of language and literacy.

Public relations

Bachelor of Media and Communication (Professional) with a major in Public Relations	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Public Relations	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Media and Communication with a major in Public Relations	3 yrs FT/6 yrs PT	O	60 [^]	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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Public relations officer, event manager, marketing manager, brand manager, project manager, advertising consultant, promotions officer, media relations coordinator, community manager.				

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Social media

Bachelor of Media and Communication (Professional) with a major in Social Media	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Media and Communication with a major in Social Media	3 yrs FT/6 yrs PT	H	60 [^]	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 27). Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Digital advertising specialist, social media officer, journalist, writer, editor, communications officer, content creator, social media producer, digital marketer.				

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Sports media

Diploma of Screen and Media (CUA51015) – Sports Media	1 yr FT	H		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. Career opportunities: Sports journalist, sports commentator, sports writer, sports researcher/programmer, sports public relations writer or a multimedia/digital content producer within sports marketing and media.				

Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.

Duration

FT Full-time
PT Part-time

Location

W Wantirna
C Croydon
H Hawthorn
O Online
EV External venue

Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

Where to apply

V VTAC
D Direct

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.

#1
IN VICTORIA

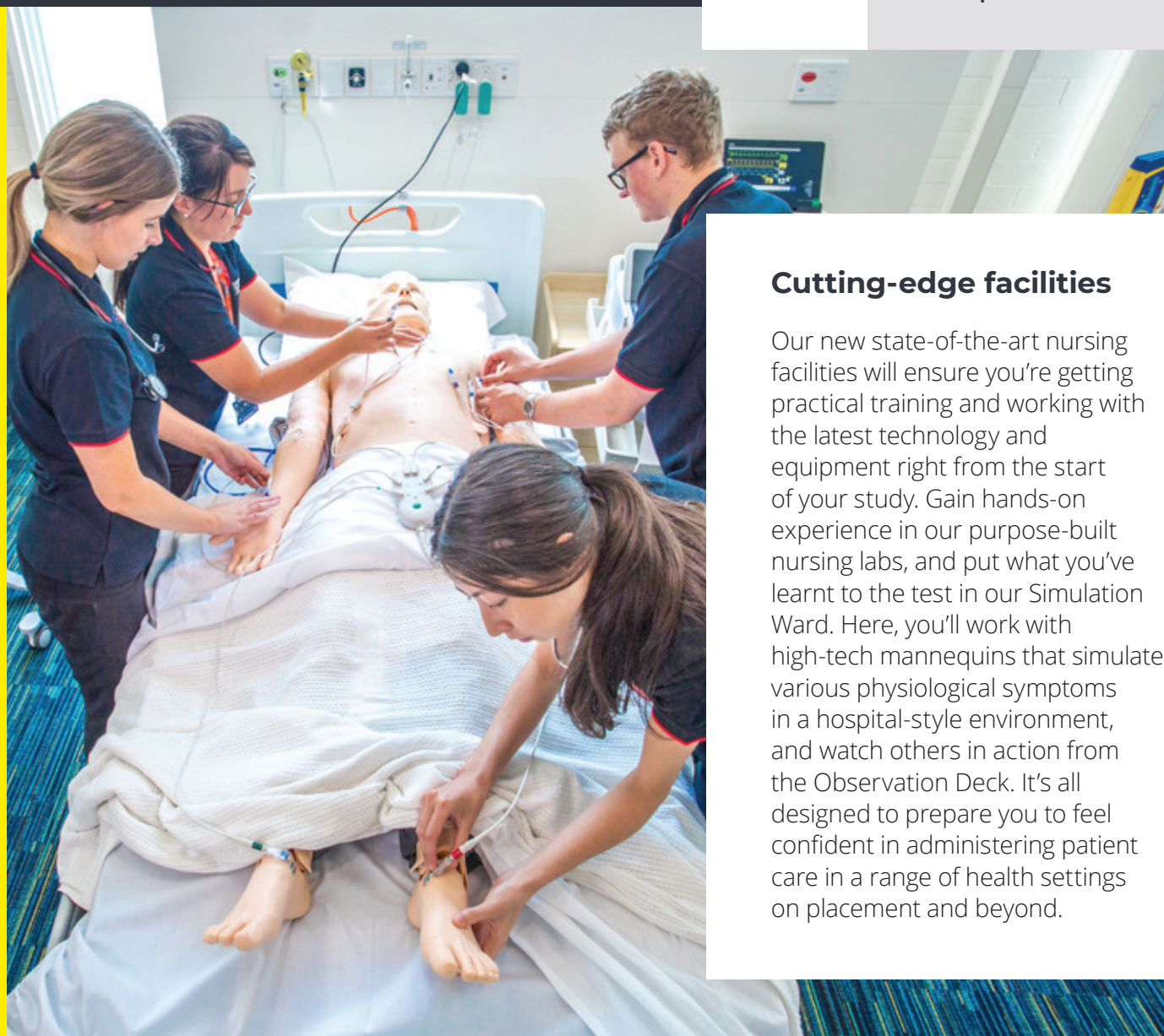
For skills development
Good Universities Guide 2020

#1
IN AUSTRALIA

For teaching quality and student support
Good Universities Guide 2020

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

COURSE



Nursing

Bachelor of Nursing	3 yrs FT/6yrs PT	H	65 [^]	V or D
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. Career opportunities: Registered nurse.				
Diploma of Nursing (HLT54115)	1.5 yrs FT	W		V or D
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. Career opportunities: Enrolled nurse.				
Certificate IV in Allied Health Assistance (Physiotherapy, Occupational Therapy) (HLT43015)	6 mths FT	W		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 and occupational therapists. Students are required to have a valid police check and working with children check. Career opportunities: Allied health assistant.				
Certificate III in Individual Support (Ageing, Home and Community) (CHC33015)	6 mths FT	W		D
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. Career opportunities: Community worker, disability worker, aged care worker.				

⌚ Duration

FT Full-time
PT Part-time

📍 Location

W Wantirna
C Croydon
O Online
H Hawthorn
EV External venue

☆ Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

📌 Where to apply

V VTAC
D Direct

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.

Professional recognition

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



Accredited Course

COURSES AT A GLANCE

Unit types ■ Core ■ Major ■ Elective

Bachelor of Psychological Sciences 4 8 12

Bachelor of Psychology (Honours) 4 15 13

Bachelor of Health Science 8 8 8

- Psychology and Forensic Science
- Psychology and Psychophysiology

**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**

**\$5,100 more than the
national average**

Good Universities Guide 2020





“

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

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

PSYCHOLOGY

COURSE



Psychological sciences

Bachelor of Psychological Sciences	3 yrs FT/6 yrs PT	H	60 [^]	V or D
Bachelor of Psychological Sciences	3 yrs FT/6 yrs PT	O	60 [^]	D

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.

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

Career opportunities: Psychologist (with further study), social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Psychological Sciences/Bachelor of Criminal Justice and Criminology	4 yrs FT/8 yrs PT	H	60 [^]	V or D
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Learn about the causes of crime and the consequences of criminal behaviour while also gaining the skills and knowledge required to explain human behaviour and relationships.

This double degree will prepare you to work in the areas of law enforcement, corrections, offender rehabilitation and policy development. It also forms part of an Australian Psychology Accreditation Council (APAC) accredited pathway to becoming a registered psychologist. Graduates who demonstrate a high level of performance are eligible to apply for the Bachelor of Psychological Sciences (Honours) program.

Career opportunities: Psychologist (with further study), intelligence analyst, investigator, crime analyst, victim support worker, government policy writer, corrections officer, social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer, security analyst.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Bachelor of Psychology (Honours)	4 yrs FT / 8 yrs PT	H	85 [^]	V or D
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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.

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

Career opportunities: Psychologist (with further study), social welfare consultant, medical researcher, child safety officer, clinical worker, health officer, child development officer.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Psychology and forensic science

Bachelor of Health Science (Professional) with a major in Psychology and Forensic Science	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Psychology and Forensic Science	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Professional placement: The Bachelor of Health Science (Professional) includes a 12-month work placement.

Career opportunities: Psychologist (with further study), forensic psychologist, behavioural therapist, medical researcher, counsellor, youth worker.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Psychology and psychophysiology

Bachelor of Health Science (Professional) with a major in Psychology and Psychophysiology	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Health Science with a major in Psychology and Psychophysiology	3 yrs FT/6 yrs PT	H	60 [^]	V or D

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.

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

Professional placement: The Bachelor of Health Science (Professional) includes a 12-month work placement.

Career opportunities: Psychologist (with further study), psychophysiological scientist, technologist.

Prerequisites: Units 3 and 4: a minimum study score of 25 in English (or equivalent) or 30 in English (EAL).

Duration

FT Full-time
PT Part-time

Location

C Croydon
H Hawthorn
W Wantirna
O Online
EV External venue

Entry ATAR

[^] Guaranteed entry
Minimum entry

RC Range of criteria

For more information about ATARs, please refer to page 23.

Where to apply

V VTAC
D Direct

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?

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.

COURSES 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

MASS APPEAL

We're ranked in the top 400 worldwide for physics

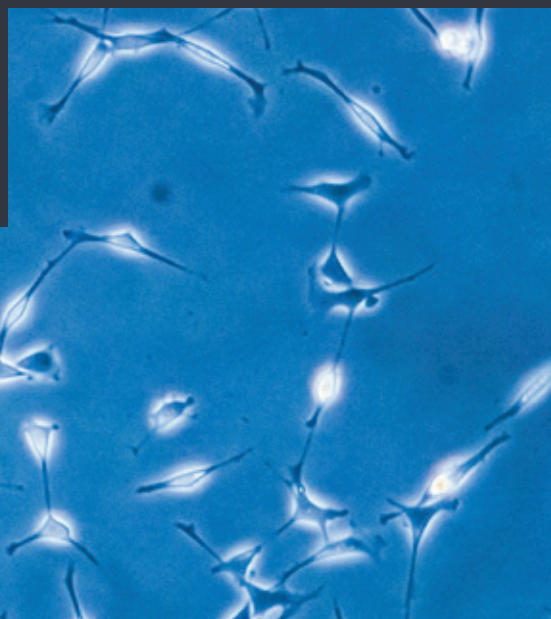
2019 Academic Ranking of World Universities

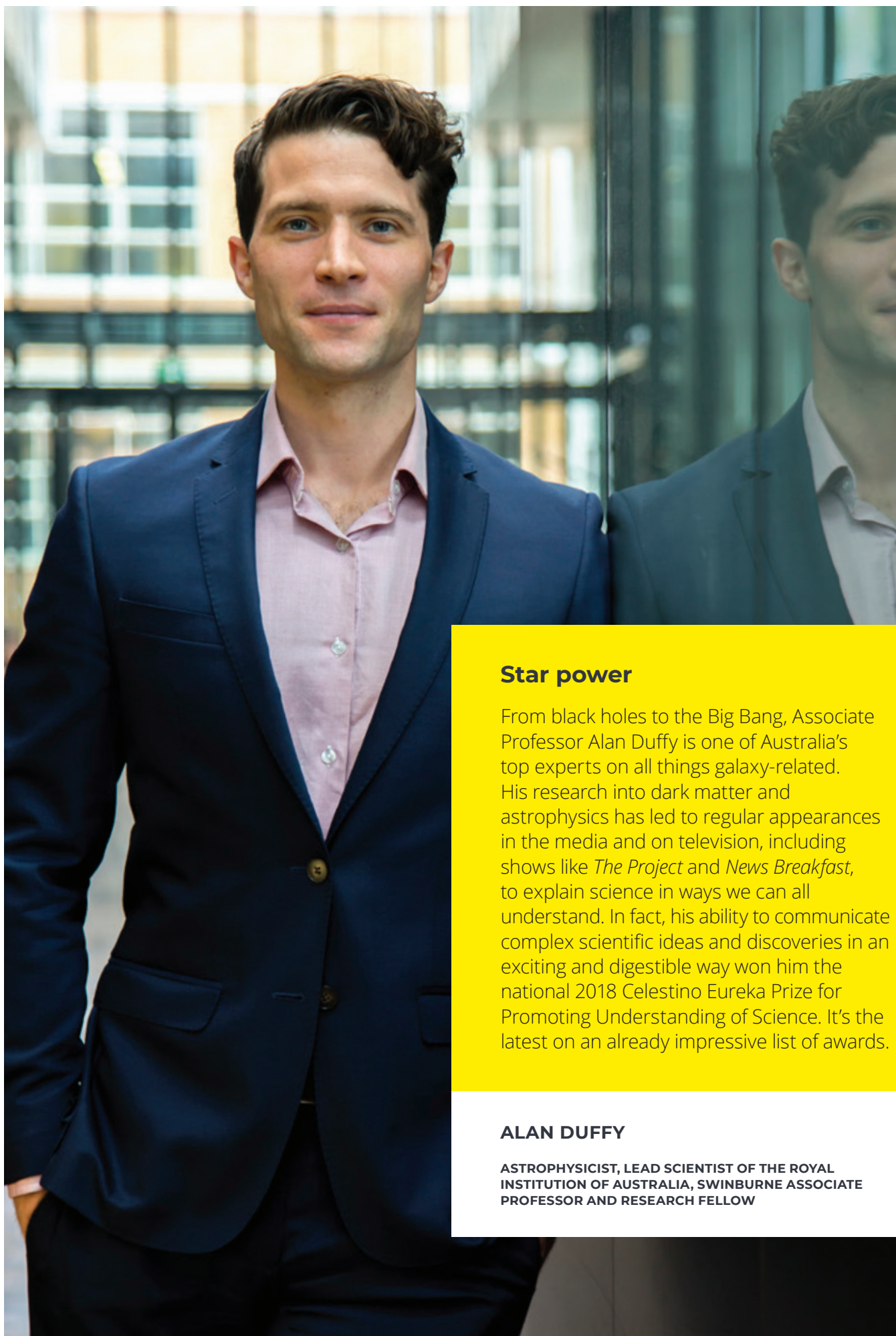
GROUND-BREAKING RESEARCH

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.

ALAN DUFFY

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

SCIENCE

COURSE



Applied mathematics

Bachelor of Science (Professional) with a major in Applied Mathematics	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Applied Mathematics	3 yrs FT/6 yrs PT	H	70 [^]	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.

Prerequisites: 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.

Biochemistry

Bachelor of Science (Professional) with a major in Biochemistry	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Biochemistry	3 yrs FT/6 yrs PT	H	70 [^]	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.

Prerequisites: 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.

Biotechnology

Bachelor of Science (Professional) with a major in Biotechnology	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Biotechnology	3 yrs FT/6 yrs PT	H	70 [^]	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.

Prerequisites: 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.

Chemistry

Bachelor of Science (Professional) with a major in Chemistry	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Chemistry	3 yrs FT/6 yrs PT	H	70 [^]	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.

Prerequisites: 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.

Environmental science

Bachelor of Science (Professional) with a major in Environmental Science	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Environmental Science	3 yrs FT/6 yrs PT	H	70 [^]	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.

Prerequisites: 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.

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Laboratory technology

Diploma of Laboratory Technology (MSL50118)	1 yr FT/2 yrs PT	H	V or D
Gain a scientific education with a strong emphasis on the development of practical laboratory skills for the biotechnology, forensic science and pathology testing industries. Career opportunities: Forensic science officer, laboratory technician, research assistant.	Prerequisites: Satisfactory completion of Certificate IV in Laboratory Techniques (MSL40118).		
Certificate IV in Laboratory Techniques (MSL40118)	1 yr FT/2 yrs PT	H	V or D
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. Career opportunities: Laboratory technician, instrument operator.	Prerequisites: Satisfactory completion of Year 11 or equivalent. Applicants will need to demonstrate literacy and numeracy competencies.		

Physics

Bachelor of Science (Professional) with a major in Physics	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science with a major in Physics	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Astrophysicist, renewable energy specialist, statistician, financial analyst, meteorologist, climate modeller, physicist.	Prerequisites: 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.			

Science

Bachelor of Science (Professional)	4 yrs FT/8 yrs PT	H	80 [^]	V
Bachelor of Science	3 yrs FT/6 yrs PT	H	70 [^]	V or D
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. Professional degree: This degree extends the standard degree to include a professional placement co-major comprising a 12-month work placement. Career opportunities: Physicist, biologist, industrial chemist, food technologist, environmental scientist, laboratory technician, scientist.	Prerequisites: 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.			
Bachelor of Arts/Bachelor of Science	4 yrs FT/8 yrs PT	H	70 [^]	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. Professional accreditation: See Bachelor of Arts (page 28). Career opportunities: Physicist, biologist, industrial chemist, food technologist, environmental scientist, laboratory technician, scientist, science journalist, political analyst, policy researcher and adviser, science communication specialist.	Prerequisites: 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.			
Bachelor of Engineering (Honours)/Bachelor of Science	5 yrs FT/10 yrs PT	H	75 [^]	V or D
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 68). Career opportunities: Communications engineer, civil infrastructure engineer, biologist, industrial chemist, food technologist, environmental scientist.	Prerequisites: 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.			

SCIENCE

COURSE



Science (continued)

Bachelor of Laws/Bachelor of Science 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 96). Career opportunities: Lawyer, environmental lawyer, corporate counsellor, scientist, forensic science technician, crime science officer, compliance and regulation manager, researcher, policy researcher/analyst.	5 yrs FT/10 yrs PT	H	85 [^]	V or D
Bachelor of Health Science/Bachelor of Science 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 83). Career opportunities: Medical researcher, psychologist (with further study), data scientist, biomedical scientist, physical therapist, food scientist, biologist, industrial chemist, food technologist, environmental scientist.	4 yrs FT/8 yrs PT	H	70 [^]	V or D
Diploma of Science (UniLink) 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	H		V or D
Certificate IV in Science (22442VIC) Gain skills in mathematics, science, research and communication. These skills can help students to undertake further study, fulfil career aspirations or improve employment opportunities. Career opportunities: Laboratory assistant.	1 yr FT/2 yrs PT	H		V or D

Duration FT Full-time PT Part-time	Location C Croydon H Hawthorn W Wantirna O Online EV External venue	Entry ATAR [^] Guaranteed entry # Minimum entry	RC Range of criteria For more information about ATARs, please refer to page 23.	Where to apply V VTAC D Direct
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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 2019 Melbourne International Flower and Garden Show, including two gold medals.

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," says Aimee. Since graduating, she's become a TAFE Victoria ambassador and even co-founded Tiny Stays, idyllic off-grid accommodation in the heart of the Yarra Valley.

AIMEE

CERTIFICATE II IN PLUMBING



APPRENTICESHIPS

COURSE



Building and construction

Advanced Diploma of Building Design (Architectural) (22477VIC) 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. Career opportunities: Building designer and planner, drafting technician.	2 yrs FT	C H	V or D
Diploma of Building and Construction (Building) (CPC50210) 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. Career opportunities: Builder, building manager, estimator, foreperson, project manager, site manager.	1.5 yrs FT	H	V or D
Certificate IV in Building and Construction (Building) (CPC40110) 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. Career opportunities: Builder, construction manager, trade contractor.	5 mths PT	C	D
Certificate III in Bricklaying/Blocklaying (CPC30111) Learn how to construct housing and undertake general bricklaying work for residential and commercial applications. Career opportunities: Bricklayer, blocklayer.	3 yrs PT	C	D
Certificate III in Carpentry (CPC30211) Learn about residential and commercial construction, safety, demolition, drawing, frameworks, hand and power tools, and small plant and equipment. Career opportunities: Carpenter, carpenter and joiner.	3 yrs PT	C	D
Certificate II in Building and Construction Pre-apprenticeship (22338VIC) – Carpentry Learn how to use hand and power tools, learn about small plant and equipment, and gain an understanding of building plans and documents. Career opportunities: Apprentice carpenter and joiner.	12 wks FT	C	D
Certificate II in Building and Construction Pre-apprenticeship (22338VIC) – Bricklaying Learn about bricklaying hand tools and selected power tools. Gain the practical skills in brick construction processes employers are looking for. Career opportunities: Apprentice bricklayer.	12 wks FT	C	D

Conservation and land management

Diploma of Conservation and Land Management (AHC51116) 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. Career opportunities: Conservationist, park ranger.	1.5 yrs FT/2 yrs PT	W	V or D
Certificate III in Conservation and Land Management (AHC31416) 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. Career opportunities: Conservationist, park ranger.	1.5 yrs PT	W	D

Duration	Location	W Wantirna	Entry ATAR	RC Range of criteria	Where to apply
FT Full-time	C Croydon	O Online	Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	Minimum entry		D Direct

COURSE



Electrical

Certificate III in Electronics and Communications (UEE30911)	4 yrs PT	H	D
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. Career opportunities: Electrician, tradesperson, telecommunications technician.	Prerequisites: Satisfactory completion of Year 11 or equivalent.		
Certificate III in Electrotechnology Electrician (UEE30811)	4 yrs PT	W	D
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. Career opportunities: Electrician, tradesperson, telecommunications technician.	Prerequisites: At least 17 years of age and apprenticed to an employer.		
Certificate II in Electrotechnology (Career Start) (UEE22011)	10 wks FT	W	D
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. Career opportunities: Apprentice electrician, trainee telecommunications technician.	Prerequisites: None.		

Engineering

Certificate IV in Engineering (MEM40119)	3 yrs PT	W	D
Develop skills to advance to positions of responsibility in manufacturing industries. Select one specialisation from: fabrication, CNC machining, or maintenance and fluid power. Career opportunities: Advanced mechanical maintenance technician, advanced toolmaker, fluid power systems technician, advanced welder.	Prerequisites: Successful completion of a welding or fitting and machining apprenticeship, or Certificate III in Engineering, or working in a mechanically related trade.		
Certificate III in Engineering – Fabrication Trade (MEM30319)	3 yrs PT	W	D
Gain skills in engineering drawing, fabrication, hand and power tools, sheet metal and welding. Career opportunities: Mechanic, tool and die maker, toolmaker, boilermaker, welder.	Prerequisites: At least 15 years of age and apprenticed to an employer.		
Certificate III in Engineering – Mechanical Trade (MEM30219)	3 yrs PT	W	D
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. Career opportunities: Maintenance fitter, toolmaker, tool and die maker, first class machinist.	Prerequisites: At least 15 years of age and apprenticed to an employer.		

Horticulture and landscape

Diploma of Horticulture (AHC50416)	2 yrs FT/4 yrs PT	W	V or D
Learn about plant nutrition, plant health, propagation and recognition of plants, landscape design, products and services, and business management and administration. Career opportunities: Nursery manager, landscape designer, parks and gardens manager, horticultural consultant, landscaper, garden centre operator.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.		
Diploma of Landscape Design (AHC50616)	1.5 yrs FT/3 yrs PT	W	V or D
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. Career opportunities: Landscape designer.	Prerequisites: Satisfactory completion of Victorian Year 12 or equivalent, or relevant work experience.		
Certificate III in Horticulture (AHC30716)	1 yr FT/2 yrs PT	W	D
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. Career opportunities: Gardener, grounds keeper, garden maintenance worker.	Prerequisites: Applicants must be 15 years or over.		
Certificate III in Landscape Construction (AHC30916)	4 yrs PT	W	D
Learn about concrete/brick/block/stone structures and features, drainage systems, paving and retaining wall projects, plants and their culture, and soil profiles. Career opportunities: Landscape gardener.	Prerequisites: Satisfactory completion of Victorian Year 10 or equivalent and apprenticed to an employer.		

APPRENTICESHIPS

COURSE			
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Horticulture and landscape (continued)

Certificate III in Parks and Gardens (AHC31016) Gain skills in advising on plants and plant products, machinery and equipment, propagation, recognising plants, and soil and plant nutrition. Career opportunities: Production nursery tradesperson.	3 yrs PT	W	D	Prerequisites: At least 15 years of age and have appropriate numeracy and literacy skills.
Certificate III in Production Nursery (AHC31116) Gain skills in advising on plants and plant products, machinery and equipment, propagation, recognising plants, and soil and plant nutrition. Career opportunities: Production nursery tradesperson.	4 yrs PT	W	D	Prerequisites: At least 15 years of age and have appropriate numeracy and literacy skills.
Certificate III in Retail Nursery (AHC31216) Learn how to operate successfully in the horticulture industry. Gain theory and practical training based around a real nursery environment. Career opportunities: Nursery sales assistant, garden centre sales assistant.	3 yrs PT	W	D	Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.
Certificate III in Rural Operations (AHC32816) Gain training, skills and knowledge relevant to the agriculture, horticulture, conservation and land management industries. Available as a traineeship. Career opportunities: Local government consultant, site inspector, tour leader, environmental consultant.	1.5 yrs PT	W	D	Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.

Plumbing

Certificate IV in Plumbing and Services (CPC40912) Become equipped with the skills and knowledge to sit the Plumbing Industry Commission's Licence-level exams. Career opportunities: Air conditioning technician, fire services supervisor, plumbing contractor, specialist hydraulic designer.	2 yrs PT	C	D	Prerequisites: Applicants must have successfully completed one of the following corresponding streams from the Certificate III in Plumbing: Gas; Drainage; Sanitary; Roof; Water; Mechanical.
Certificate III in Plumbing (CPC32413) Learn about gas installation, hand and power tools, roofing water supply, sanitation and drainage, and scaffolding. Career opportunities: Plumber, plumber and drainer, plumber and gasfitter, roof plumber.	4 yrs PT	C	D	Prerequisites: At least 15 years of age and apprenticed to an employer or a referral from the Plumbing Industry Commission of Victoria.
Certificate II in Plumbing (Pre-apprenticeship) (22304VIC) 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. Career opportunities: Apprentice plumber.	10 wks FT	C	D	Prerequisites: Entry into this program is based on an applicant's study and/or relevant work history. Some additional criteria may also apply.

 Duration FT Full-time PT Part-time	 Location C Croydon H Hawthorn	W Wantirna O Online EV External venue	 Entry ATAR ^ Guaranteed entry # Minimum entry	RC Range of criteria <i>For more information about ATARs, please refer to page 23.</i>	 Where to apply V VTAC D Direct
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FOUNDATION SKILLS FOR WORK AND STUDY

Gain lifelong skills for work and study.

Swinburne offers programs for students who have had gaps in their education or are 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			
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Bridging courses

Marketing and Communication Foundations Skill Set (BSBSS00077) 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	H	D
VCE Maths Link Further 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.	6 wks FT	H O	D
VCE Maths Link Methods 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.	6 wks FT	H O	D

English as a second language

Certificate IV in EAL (Further Study) (22492VIC) 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	H	D
Certificate III in EAL (Access) (22486VIC) 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	C H W	D
Certificate II in EAL (Access) (22485VIC) Develop English language speaking, listening, reading and writing skills for social situations and daily interactions.	1 yr FT/2 yrs PT	C H W	D
Certificate I in EAL (Access) (22484VIC) Develop English language speaking, listening, reading and writing skills directly related to immediate personal and social needs.	1 yr FT/2 yrs PT	C H W	D
Course in EAL (22483VIC) This is a foundation course for learners who have little or no formal schooling, English literacy skills or numeracy skills. It is also suitable for learners who do not have literacy skills in their first language.	6 mths FT/1 yr PT	C H W	D
Course in Initial EAL (22482VIC) Begin developing English language, literacy and numeracy skills. Develop learning routines and basic handwriting skills, including the alphabet and numbers. Participate in familiar spoken exchanges.	6 mths FT/1 yr PT	C W	D

General education for adults

Certificate I in General Education for Adults (Introductory) (22476VIC)	6 mths FT/1 yr PT	C W	D
Certificate I in General Education for Adults (22472VIC)	6 mths FT/1 yr PT	C W	D
Certificate II in General Education for Adults (22473VIC)	6 mths FT/1 yr PT	C H W	D
Certificate III in General Education for Adults (22474VIC)	6 mths FT/1 yr PT	C H W	D
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.			
Certificate I in Transition Education (22301VIC)	1 yr FT/2 yrs PT	C	D
Teaches those with mild intellectual disabilities the skills they need to find their feet in the community after leaving school.			

⌚ Duration	📍 Location	W Wantirna	☆ Entry ATAR	RC Range of criteria	🗑 Where to apply
FT Full-time	C Croydon	O Online	^ Guaranteed entry	For more information about ATARs, please refer to page 23.	V VTAC
PT Part-time	H Hawthorn	EV External venue	# Minimum entry		D Direct

COURSE



VCAL

Victorian Certificate of Applied Learning – Senior (VCALSEN001)	1 yr FT	C W	D
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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.

Prerequisites: Applicants should be 16 to 19 years of age and have completed Year 11 or equivalent, and should have left or be leaving school.

Victorian Certificate of Applied Learning – Intermediate (VCALINT001)	1 yr FT	C W	D
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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.

Prerequisites: Applicants should be 16 to 19 years of age and have completed Year 10 or equivalent, and should have left or be leaving school.

VCE connect

Victorian Certificate of Education (VCE Connect) (VCE0000001)	2 yrs FT	C W	D
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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.

Prerequisites: Applicants should be at least 16 years of age, have completed Year 10 or equivalent and should have left or be leaving school.



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Monday 15 – Thursday 18 June

[SWINBURNE.EDU.AU/INFOEVENING](https://swinburne.edu.au/infoevening)

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

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