

■ UNDERGRADUATE AND TAFE  
COURSE GUIDE

2012

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SWINBURNE  
UNIVERSITY OF  
TECHNOLOGY

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



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# Why Swinburne?



## Preparation for the real world

Our focus is on work-ready graduates. We maintain close relationships with industry partners to ensure you learn what you need to know. With opportunities such as industry placements, real-world projects and international study, you can get the skills you need, not just the theory.

## Learning options for everyone

Swinburne offers the course you need for the career you want, whether you're just starting out or returning to study. We have entry levels for all students and guaranteed pathways from TAFE to degree courses, meaning you can choose the style of learning that suits you.

## World-class education

Swinburne is the only dual-sector university in Australia to be consistently ranked in the top 500 universities in the world\*. We've been awarded more five-star ratings in the 'educational experience' category than any other university in Melbourne by *The Good Universities Guide 2011*, including for teaching quality and graduate satisfaction.

## Student-centred and flexible learning

Students are at the centre of everything we do, from providing flexible degree structures and alternative study modes to campuses in top inner-urban or local locations. You can experience all the benefits of a university but with smaller class sizes in a welcoming and progressive environment.

## HIGHEST-RATED UNIVERSITY IN MELBOURNE FOR TEACHING QUALITY

*The Good Universities  
Guide 2007–2011*

SWINBURNE OFFERS THE COURSE  
YOU NEED FOR THE CAREER YOU WANT,  
WHETHER YOU'RE JUST STARTING OUT  
OR RETURNING TO STUDY.

### NOTE:

\* Shanghai Jiao Tong  
Academic Ranking of  
World Universities and QS  
World University Rankings.

## Campuses in great locations



### Lilydale campus

Melba Avenue, Lilydale  
40 km (50 minutes by train) from the CBD

**Train:** Lilydale station on the Lilydale line.  
Campus is a 15-minute walk from the station.

**Bus:** the 680 bus regularly travels between the station and campus.

**Parking:** on campus for free.

**Accommodation:** on campus at Lilydale Student Village by the lake; see page 23 for details.

### Wantirna campus

369 Stud Road, Wantirna  
25 km from the CBD (close to Knox City Shopping Centre)

**Train and bus:** catch the train to Ringwood station (Belgrave and Lilydale lines) and then the 664 bus, which will drop you off at the campus entrance.

**By car:** campus is located near the intersection of Burwood Highway and Stud Road.

**Parking:** on campus for free.

### Croydon campus

12–50 Norton Road, Croydon  
30 km (40 minutes by train) from the CBD

**Train:** Croydon station on the Lilydale line. From the station it is a 10-minute walk to campus, or you can take the 737 bus.

**Parking:** on campus for free.

### Sarawak campus

Kuching, Malaysia  
3 km (15 minutes by bus or car) from the city centre

Swinburne offers first-rate facilities in top inner-urban or local locations, near excellent transport, food, shopping and entertainment options.

### Hawthorn campus (main campus)

John Street, Hawthorn  
6 km (10 to 15 minutes by train) from the CBD

**Train:** Glenferrie station on the Belgrave, Lilydale and Alamein lines. The station is in the heart of the campus.

**Tram:** Number 16 tram along Glenferrie Road to St Kilda and the CBD.

**Parking:** on campus at an hourly rate up to \$6.50 all day.

**Accommodation:** several options on campus including a Residential College and UniLodge Apartments; see page 23 for details.

### Prahran campus

144 High Street, Prahran  
5 km (10 minutes by train) from the CBD

**Train:** Prahran station on the Sandringham line. The station is a two-minute walk from campus.

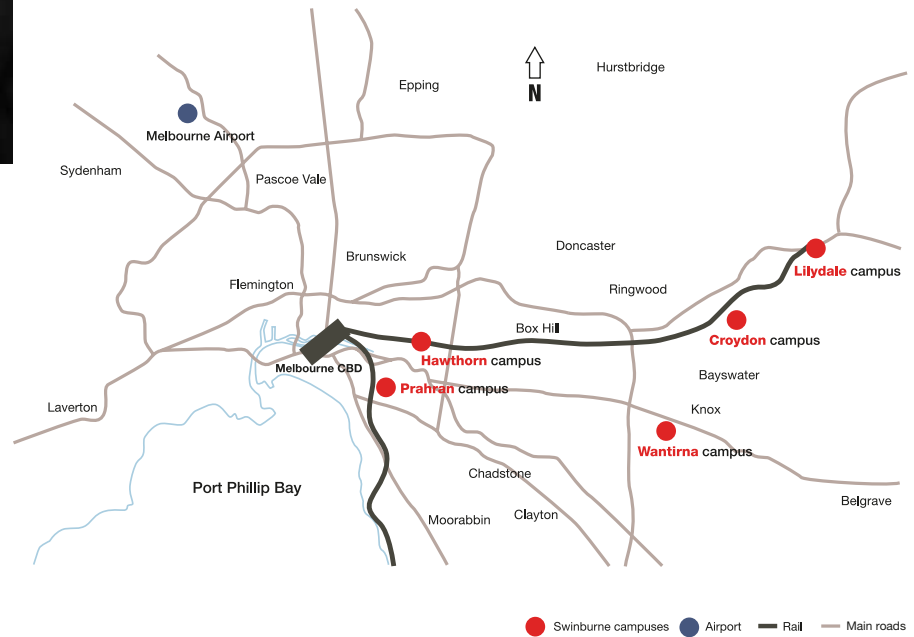
**Tram:** Number 6 tram passes by the campus. Numbers 78 and 79 travel along Chapel Street, while Numbers 5 and 64 travel nearby on Dandenong Road and Number 72 on Commercial Road/Malvern Road.

**Bus:** Number 216/219 and Number 220 travel along Commercial Road/Malvern Road.

**Parking:** off campus ticketed.

**CAMPUS LIFE**  
OUR CAMPUSES  
AREN'T JUST PLACES  
ON A MAP; THEY'RE  
VIBRANT COMMUNITIES  
WITH SOMETHING ON  
OFFER FOR EVERYONE.  
TO LEARN MORE,  
SEE PAGE 21.





## FIRST-RATE FACILITIES

Swinburne has channelled significant investment into major refurbishments and new infrastructure at all of our campuses. The development of new buildings, renovation of existing buildings and landscaping have enhanced the study environment and education experience we offer our students.

Cutting-edge new buildings on campus include:

- The Advanced Technologies Centre (Hawthorn campus), featuring state-of-the-art laboratories and research and education facilities
- The George building (Hawthorn campus), housing student health and careers and employment services, study areas and a games room
- The National Centre for Sustainability and Environmental Design (Wantirna campus), built with innovative sustainability features





## Study options for every student

**No matter what your background, Swinburne has a wide range of study options to suit your academic level, preferred learning style and career aspirations.**

### **I'm a VCE student**

Swinburne is committed to helping you choose the right course, transition smoothly from school to university or TAFE and get on track to your chosen career.

### **Get the right advice early**

Not sure which course to choose, or confused about the structure of your degree? Swinburne provides personalised advice from careers experts on our Course Information Hotline – just call 1300 275 794. In addition, our annual Open Day and full calendar of information expos and events give you the information you need to smooth the secondary-to-tertiary transition.

As a Swinburne student, you can take advantage of our free careers and employment services (see page 21), ensuring you stay on the right course to reach your career goals.

### **Pathways from TAFE courses to university degrees**

Swinburne's Pathways Direct and Guaranteed Entry schemes give you the opportunity to transition between TAFE courses and university degrees. Depending on your chosen study field, you may be eligible for guaranteed entry with advanced standing into second year of a university degree after completing a TAFE diploma or advanced diploma at Swinburne. See page 11 for further details.

### **Scholarships**

Swinburne, government and privately funded scholarships are available to prospective and current students. We have a variety of merit and equity-based options available, whether you're applying for a degree or a TAFE course – see page 25.

### **Special Entry Access Scheme**

Swinburne participates in the Special Entry Access Scheme (SEAS), for VTAC applicants who have been unable to reach their full educational potential. See page 26 for more information.

### **Gap years and other options**

If you want a break before starting your course, you can take advantage of our mid-year entry or deferment options.

Swinburne offers most new undergraduate students the option to defer their study for up to two years. TAFE applicants can usually defer for up to one year. Forms can be downloaded from [www.swinburne.edu.au/deferment](http://www.swinburne.edu.au/deferment)

## **HIGHEST-RATED UNIVERSITY IN MELBOURNE FOR GRADUATE SATISFACTION**

*The Good Universities Guide  
2007, 2008, 2010, 2011*

### **Carla Zampaglione Bachelor of Engineering (Product Design Engineering)**

"Swinburne offers a broad range of scholarship options, which was very appealing to me, and small lecture, tutorial and studio class sizes were another huge benefit; you don't feel overwhelmed in any way, and can make each class your own without feeling lost in the crowd. At the end of the day, we each go to university to improve our chances of finding a career that we enjoy and are good at. Swinburne has provided me with exactly this. With the Industry-Based Learning (IBL) year, and endless education abroad opportunities I was lucky enough to experience, my résumé stands out above the rest."



### **I'm a Year 10 student**

Year 10 is a good time to start thinking about what you want to do when you finish school, and what you can do at school to prepare for it. Swinburne offers a range of options – including alternatives to the standard VCE – to help you discover what further study is about and explore your potential.

[www.swinburne.edu.au/year-10](http://www.swinburne.edu.au/year-10)

### **Vocational Introductory Program (VIP)**

This program gives Year 10 students the chance to experience TAFE study without leaving school. It involves spending one day of your school week studying in the vocational area of your choice over a term (or a TAFE semester). You get an idea of whether it's a study option you'd like to follow, and also begin to build skills and knowledge that you might not have been able to develop at school.

To participate in the VIP program, you need to be at least 15 years old and currently enrolled in Year 10.

### **Vocational Education and Training in Schools (VETiS)**

VETiS allows you to take on skills-based learning while completing your VCE or VCAL. You end up with two certificates and an easier path to further study, as well as improved opportunities for gaining employment in your chosen industry.

### **Victorian Certificate of Applied Learning (VCAL)**

The Victorian Certificate of Applied Learning (VCAL) is an alternative to the VCE, and gives students in Years 11 and 12 practical, work-related experience and the opportunity to build personal skills that are important in life and work.

### **Apprenticeships and traineeships**

Apprenticeships and traineeships are certificate courses that combine paid work with nationally recognised training, so you can earn while you learn. Your employer will teach you on the job while Swinburne provides the formal training for a nationally recognised qualification.

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

### **Get advice about training and employment**

First Stop is a friendly and free service that can help you make decisions about further education, training and employment options.

[www.tafe.swinburne.edu.au/firststop](http://www.tafe.swinburne.edu.au/firststop)

## **HOW WE PREPARE YOU FOR THE REAL WORLD**

Swinburne works closely with industry groups to develop course content, which means we understand exactly what employers are looking for and can ensure the skills you learn are those employers want.

Our teachers are experienced in their industries and recognised as experts in their field, so you get the best possible chance to be skilled in the very qualities employers look for. What's more, our involvement with industry and constant monitoring of employment trends means our courses address skills shortage areas, meaning when you graduate, you're likely to be highly employable.



>

## Study options for every student (continued)

### **I'm returning to study**

Whether you're returning to study after a gap year or you're in the workplace and want to retrain for a promotion or career change, we understand that returning to study has its own challenges. Swinburne offers additional services that will make your study life easier.

### **Recognition for the skills you already have**

If you have previous work experience or education, you might be closer to a qualification than you think.

Recognition of Prior Learning (RPL) recognises existing knowledge and experience and measures it against the qualification in which you are enrolled, meaning you may not need to complete all the units of your course.

With RPL, you can:

- Eliminate or reduce the need for training in skills and knowledge you already have
- Save time in attending classes and completing unnecessary work
- Save money on textbooks and learning resources
- Complete your qualification in less time
- Advance more quickly to a higher-level qualification

[www.swinburne.edu.au/rpl](http://www.swinburne.edu.au/rpl)

### **Flexible study options**

Swinburne offers various study options to fit in with your work and life commitments. Options can include online and block mode delivery, blended learning programs (a combination of on- and off-campus study), workplace delivery and part-time study. Our online Course Search ([www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)) allows you to search for courses available in a particular study mode.

### **Re-entering the workforce**

The Tap into Training (TAPiT) program helps people over 40 or sole parents to find training opportunities that allow you to develop new skills to re-enter the workforce. This support includes individual course advice, development of a training plan and assistance with applications and enrolment. TAPiT staff can also provide advice on financial assistance for courses.

[www.tafe.swinburne.edu.au/tapit](http://www.tafe.swinburne.edu.au/tapit)

### **Help for retrenched workers**

The Skill Up program is available for retrenched workers, giving you the opportunity to upgrade your skills or develop new skills so you can re-enter the workforce as quickly as possible. You can receive course guidance counselling and up to 80 hours of TAFE-organised training.

### **Special Entry Access Scheme**

Mature age students applying through VTAC may be eligible for entry through the Special Entry Access Scheme (SEAS). See page 26 for more information.

### **Short courses**

Swinburne offers short courses in a wide range of areas, from event marketing and management through to bookkeeping and creative writing. Short courses can provide you with a taste of your chosen field of study, and you can even get credit for some units if you move into a certificate course. Swinburne also runs short courses that will help you start and run your own business, if that's where your ambitions lie.

[www.shortcourse.swinburne.edu.au](http://www.shortcourse.swinburne.edu.au)

### **Jodie Jeeves Diploma of Nursing (Enrolled/Division 2 Nursing)**

"I have recently started a Diploma of Nursing at Swinburne. As a 35-year-old mother of four I was extremely nervous about returning to study. I shouldn't have worried as I have been overwhelmed by the support from the lecturers, staff and students. The course has been fantastic. I have learnt so much in a very short period of time, which is a credit to the teachers. I also have access to a wonderful skills lab which lets me put my newly learned skills to the test. I can't wait to work as a nurse after completing my diploma."





# University or TAFE, or both – the choice is yours

The choice between a university degree and a TAFE course depends on your desired career path and the style of learning that suits you. At Swinburne, there's always the option to do both.

## TAFE courses

TAFE courses are focused on learning for work or, in many cases, learning *at* work. The teaching aims to provide students with specific skills, so there are more contact hours, smaller classes and more personal communication with your teachers. The skills you learn are directly relevant to performing tasks in the workplace.

## University degrees

Swinburne degrees encourage independent learning and provide a supportive framework for you to research, analyse and solve problems in your chosen field of study. You'll also be given many opportunities to put theory into practice through work placements and industry-based projects.

A key difference between secondary school and university is that the university learning environment is much less structured. You choose when to study and how hard to push yourself. While lecture times are clearly set out, the responsibility to attend classes and complete homework is yours.

## Combining TAFE and degree courses

Swinburne offers pathways that make it easy to move between a TAFE course and a university degree. Pathways can save you time because you can often receive credits for what you've already learned.

If you're a degree student, you could complement your course with additional hands-on training from a TAFE program, which can help you stand out to potential employers.

For example, you could complement a degree in a discipline such as commerce, science or engineering with a diploma in sustainability. Or, if you want to run your own event management business, you could combine a degree in marketing with a diploma in events.

THE CHOICE BETWEEN A UNIVERSITY  
DEGREE AND A TAFE COURSE DEPENDS  
ON YOUR DESIRED CAREER PATH AND  
THE STYLE OF LEARNING THAT SUITS YOU.  
AT SWINBURNE, THERE'S ALWAYS  
THE OPTION TO DO BOTH.



Whether you are a young person preparing for your first job or an older person looking to re-train or take the first step in a career change, TAFE could be the right choice for you. TAFE courses help you to build the practical skills and technical expertise that make you employable.

At Swinburne, we offer TAFE practicality with the support of a top-ranking university environment. And with flexible study options including online, blended learning programs (a combination of on- and off-campus study), workplace delivery and part-time study, our TAFE courses can fit in with your life.

## Choosing the right qualification

The course you choose depends on your current level of knowledge and what you want to achieve. It is also possible to pathway between levels as your skills and knowledge grow.

### Foundation level

If you left school before completing Year 12 or missed out on the basics, a foundation course may suit you.

### Certificate I and II

Courses at this level provide basic training in a specific industry area. The courses aim to get you started in an industry or provide the specific skills your employer wants. Many Certificate I and II courses are pre-apprenticeships.

### Certificate III and IV

Certificate III and IV courses provide entry into various trades, traineeships or other jobs that require skills and knowledge beyond a basic level.

### Diploma and advanced diploma

Courses at this level help you to progress to a university degree or get started in a paraprofessional job. Or they might give you the skills to get a promotion, or the confidence to handle increased expectations at work.

## Preparation for the real world

Swinburne TAFE graduates are in demand by employers because they are industry ready. During your course, you'll work to real-world expectations, using the equipment and technology you'll encounter once you start your job.

All of our programs have work-based elements, which can include work placements and projects, work scenarios and simulations to ensure you are work ready.

## Putting together your Skills Passport

Our Skills Passport won the Skills Victoria Training Initiative of the Year Award and the Innovative Business Award at the Australian Training Awards in 2008. You start with a record of your existing skills and capabilities and as you develop new skills they are recorded in your Skills Passport. This gives potential employers a tangible summary of the skills you will bring to the job.

## APPRENTICESHIPS AND TRAINEESHIPS

An apprenticeship or traineeship will allow you to apply what you learn at TAFE to the real world, and get paid while you study.

See page 5 for more information.

## NEW YOUTH FEE CONCESSIONS

Students aged under 25 who hold a valid concession card and have a government-subsidised place in a diploma or advanced diploma can take advantage of generous government course fee concessions. Eligible students will pay a maximum of \$100 for their tuition fees. This concession currently only applies for 2011 but may be extended.

Other concessions are also available; see page 24.



Swinburne's personalised approach to learning puts you at the heart of everything we do. Our degrees give you the skills you need – not just the theory – so you'll have first-hand knowledge of what's needed when you start work. Our flexible course structure lets you shape your education to suit your own aspirations.

### **Swinburne's Professional Learning Model**

Our Professional Learning Model lets you learn by doing and prepares you for professional life after university. We give you strong career skills, up-to-date knowledge of your chosen profession and as much exposure to the real world as possible as you study for your degree.

### **Flexible course structure**

Our flexible course structure allows you to add depth and breadth to your degree, by letting you choose from an extensive range of subjects from different disciplines.

### **Majors**

Most three-year degrees at Swinburne comprise 24 units of study. You undertake the majority of these units in your primary area of study, which becomes your major.

Your major allows you to broaden your knowledge in a particular area. The number of subjects in a major may vary between courses. For example, if you undertake a Bachelor of Commerce, you can major in accounting and finance, commercial law, entrepreneurship and innovation, human resource management, international business, marketing or management.



OUR DEGREES GIVE YOU THE SKILLS YOU NEED – NOT JUST THE THEORY – SO YOU'LL HAVE FIRST-HAND KNOWLEDGE OF WHAT'S NEEDED WHEN YOU START WORK.

### **Elective units**

The remaining units that make up your degree are called elective units, which you can use to explore related or non-related areas of interest.

Depending on your course structure and timetable availability, you may be able to use these units to complete a double major, a major and a minor, or a major with two minors.

Please note that some four-year degrees may not offer the same flexibility.

### **Minors**

A minor is a set of subjects (shorter than a major) studied throughout a degree. The number of subjects in a minor may vary between courses.

Studying a minor will allow you to expand your career options by adding another area of expertise. You can also add depth to your qualification by studying units related to your major. For example, with a Bachelor of Commerce, you could major in management and undertake a minor in marketing, media or psychology.



**HIGHEST-RATED  
UNIVERSITY IN  
MELBOURNE FOR  
CAREERS SUPPORT**

[www.rateyouruni.com.au](http://www.rateyouruni.com.au)  
December 2010

### Summer and Winter terms

Swinburne's Summer and Winter terms give you the flexibility to spread out your study load to fit around your work and life commitments or finish your course sooner. You can also\*:

- Add breadth or depth to your degree by completing a minor
- Undertake single units of study to explore areas of interest
- Take a study tour to the exciting and idyllic destination of Kuching, Malaysia, home to Swinburne's Sarawak campus

[www.swinburne.edu.au/summer-winter](http://www.swinburne.edu.au/summer-winter)

*\*Some of these options may not be available for all programs.*

### Industry-Based Learning

Swinburne's Industry-Based Learning (IBL) program gives you real-world experience during your undergraduate degree. IBL is a six- or 12-month paid work placement in the industry you're interested in pursuing as a career path. It is an opportunity to gain real-life experience in your chosen field.

IBL gives you a distinct advantage over other graduates. Combining tertiary qualifications with practical experience can better prepare you for the opportunities and challenges of professional life, and allow you to develop practical skills and an understanding of how your chosen industry works.

Employers value the knowledge and insight gained through real-life experience, and may offer you more opportunities and responsibility as a result. IBL can also be a gateway to future employment – many participants return to work full-time for their IBL employer.

*Please note: IBL is not available to international students due to student visa conditions.*

### Final-year Capstone Projects

Capstone Projects are professionally focused, real-world team projects normally completed in your final year of study. Projects may be externally sourced industry or community projects, competitions, research-based projects or internally developed projects.

Capstone Projects give you a chance to identify your strengths and develop the skills you will need to succeed once you graduate.

[www.future.swinburne.edu.au/capstone](http://www.future.swinburne.edu.au/capstone)

### Careers in the Curriculum

Swinburne's Careers in the Curriculum unit helps you develop your career-planning skills. You will develop a personal study and career plan and explore available job options, while also getting invaluable practical advice on job applications, résumé preparation and interviews.

[www.future.swinburne.edu.au/careers](http://www.future.swinburne.edu.au/careers)



## Pathways from TAFE to degree courses

Offering both TAFE and bachelor degree courses, Swinburne makes it easy to pathway from TAFE to a degree course while ensuring that you get the maximum benefit from your previous studies. Whether you come from TAFE at Swinburne or another institution, a range of pathway options are in place to help you enter the right course at the appropriate level.

### Guaranteed Entry Scheme

The Guaranteed Entry Scheme (GES) gives Swinburne diploma and advanced diploma students guaranteed entry into a Swinburne undergraduate degree course. You'll receive credit for your studies, fast-tracking you into later stages of the degree. You can take up your offer after you complete your TAFE course, or you can defer your offer to pursue other career or life goals.

Depending on the TAFE program you complete, you can choose from a range of undergraduate degrees. For a guide to the available degrees, see the table on pages 12–19, or for a full listing refer to [www.swinburne.edu.au/ges](http://www.swinburne.edu.au/ges)



### Pathways Direct

If the degree course you're interested in is not available through the Guaranteed Entry Scheme, you could consider Pathways Direct. Through Pathways Direct, TAFE students at Swinburne can apply direct for admission into a Swinburne degree. Preference is given to those with a credit grade average (65% or above) and no fails in their final year of study. The level of credit granted depends on the relevance of your TAFE qualification to the degree program you are enrolling in. Refer to the table on pages 12–19 for a guide to the maximum credit exemptions you may receive.

### Credit transfer

If you have completed a qualification at another Australian or international institution you may be eligible to receive credit and enter a degree with advanced standing. To find out if your previous study is eligible for credit transfer in the degree of your choice, speak to an adviser on 1300 275 794.

TAFE to higher education Pathway options	Do I need to apply?	How do I apply?	When will I get my higher education offer?	Further information
<b>Guaranteed Entry Scheme</b>	No	Eligible students will automatically receive an offer.	When you start your TAFE studies.	<a href="http://www.swinburne.edu.au/ges">www.swinburne.edu.au/ges</a>
<b>Pathways Direct</b>	Yes	You submit an application when you complete your diploma or advanced diploma.	If your application is successful, you will receive your higher education offer when you complete your TAFE studies.	<a href="http://www.swinburne.edu.au/pathwaysdirect">www.swinburne.edu.au/pathwaysdirect</a>



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## Pathways from TAFE to degree courses (continued)

This table is a guide only. Please see [www.swinburne.edu.au/pathways](http://www.swinburne.edu.au/pathways) for the most up-to-date information.

Note that some conditions, including mandatory TAFE course average scores and unit pass rates, apply to Pathways Direct.

### KEY

<b>C</b>	Croydon campus	<b>P</b>	Prahran campus
<b>EV</b>	External venue	<b>W</b>	Wantirna campus
<b>H</b>	Hawthorn campus	<b>WP</b>	Workplace
<b>L</b>	Lilydale campus	<b>GES</b>	Guaranteed Entry Scheme
<b>OC</b>	Off-campus	<b>PD</b>	Pathways Direct
<b>OL</b>	Online		

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
ARTS, PSYCHOLOGY AND SOCIAL SCIENCE						
Diploma of Liberal Arts	L, P	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	H, L	GES	8 units	2 yrs
Diploma of Library/Information Services	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Screen and Media – Integrated Journalism stream	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
BUSINESS, COMMERCE AND MANAGEMENT						
Advanced Diploma of Accounting	H, L, W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Commerce	H	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Advertising	P	Bachelor of Business	L	PD	12 units	1.5 yrs
		Bachelor of Commerce	H	PD	10 units	2 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Business (Legal Practice)	H, W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Commerce	H	PD	10 units	2 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Business (Public Relations)	P	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Commerce	H	PD	9 units	2 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of International Business	H, W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Commerce	H	PD	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Marketing	H, P, W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Commerce	H	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Diploma of Accounting	H, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Advertising	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Business Administration	H, W, OL	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Financial Services (Conveyancing)	W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	6 units	2.5 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
Diploma of Human Resource Management	H, L	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Human Resource Management/ Diploma of Sustainability	H, L	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	H	GES	8 units	2 yrs
Diploma of International Business	H, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Management	H, L, P, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Marketing	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Project Management	P, W, H, OL	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Quality Auditing	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Retail Management	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
DESIGN AND FILM & TV						
Advanced Diploma of Screen and Media – Digital Film and Television stream	P	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Film and Television	P	PD	16 units	1 yr
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Certificate IV in Design (with enhancement program)	P	Bachelor of Design (Communication Design)	P	PD	8 units	2 yrs
	P	Bachelor of Design (Digital Media Design)	P	PD	8 units	2 yrs
	P	Bachelor of Design (Industrial Design)	P	PD	8 units	2 yrs
	P	Bachelor of Design (Interior Design)	P	PD	8 units	2 yrs
	P	Bachelor of Design/Bachelor of Business (applies to all Bachelor of Design courses except Communication Design)	P	PD	4 units	3.5 yrs
	P	Bachelor of Design (Communication Design)/ Bachelor of Business	P	PD	8 units	2 yrs
Certificate IV in Design (without enhancement program)	W	Bachelor of Design (Communication Design)	P	PD	None	3 yrs
	W	Bachelor of Design (Industrial Design)	P	PD	None	3 yrs
	W	Bachelor of Design (Digital Media Design)	P	PD	None	3 yrs
	W	Bachelor of Design (Interior Design)	P	PD	None	3 yrs
	W	Bachelor of Design/Bachelor of Business	P	PD	None	3 yrs
Diploma of Graphic Design	P, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Design (Communication Design)	P	PD	16 units	1 yr
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Design (Communication Design)/ Bachelor of Business	P	PD	8 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

**Pathways from TAFE to degree courses** (continued)

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
DESIGN AND FILM & TV (continued)						
Diploma of Screen and Media	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Film and Television	P	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
DIGITAL MEDIA						
Diploma of Information Technology (Multimedia)	H, L, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	PD	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Information and Communication Technology	H	PD	10 units	2 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	6 units	2.5 yrs
		Bachelor of Science (Games Development)	H	PD	4 units	2.5 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Interactive Digital Media	L, P	Bachelor of Arts (Digital Media)	H	GES	8 units	2 yrs
		Bachelor of Arts (Games and Interactivity)	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Design (Digital Media Design)	P	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Advanced Diploma of Screen and Media – Interactive Digital Media stream	P, W	Bachelor of Arts (Digital Media)	H	GES	12 units	1.5 yrs
		Bachelor of Arts (Games and Interactivity)	H	GES	12 units	1.5 yrs
		Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Design (Digital Media Design)	P	PD	16 units	1 yr
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Screen and Media – Interactive Digital Media stream/Diploma of Sustainability	P, W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Design (Digital Media Design)	P	GES	16 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
ENGINEERING AND TECHNOLOGY						
Advanced Diploma of Building Design (Architectural)	C	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Electrical – Technology	W	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Electronics and Communications Engineering	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Engineering (Electrical and Electronic Engineering)	H	PD	10 units	3 yrs
		Bachelor of Engineering (Electronics and Computer Systems)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Telecommunications and Network Engineering)	H	PD	10 units	3 yrs
		Bachelor of Engineering (Telecommunications and Network Engineering)/Bachelor of Science (Computer Science and Software Engineering)	H	PD	10 units	4 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Engineering Technology – Civil stream	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Engineering (Civil Engineering)	H	PD	12 units	2.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
Advanced Diploma of Engineering Technology – Mechanical stream	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Engineering (Mechanical Engineering)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Product Design Engineering)	H	PD	9 units	3 yrs
		Bachelor of Engineering (Robotics and Mechatronics)	H	PD	7 units	3.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Engineering Technology – Robotics and Mechatronics stream	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Engineering (Mechanical Engineering)	H	PD	9 units	3 yrs
		Bachelor of Engineering (Robotics and Mechatronics)	H	PD	12 units	2.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Technology (Aviation)	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Aviation	H	PD	9 units	2 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Associate Degree in Engineering	H	Bachelor of Engineering (Civil Engineering)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Electrical and Electronic Engineering)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Electronics and Computer Systems)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Mechanical Engineering)	H	PD	12 units	2.5 yrs
		Bachelor of Engineering (Product Design Engineering)	H	PD	8 units	3 yrs
		Bachelor of Engineering (Robotics and Mechatronics)	H	PD	12 units	2.5 yrs
Diploma of Automotive Management	W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Aviation (Instrument Flight Operations)	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Building and Construction (Building)	C	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Competitive Manufacturing	WP	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Engineering – Advanced Trades	H, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Fire Technology	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Manufacturing Technology	H, WP	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

**Pathways from TAFE to degree courses** (continued)

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
HEATH AND COMMUNITY SERVICES						
Advanced Diploma of Children's Services	L, P	Bachelor of Arts	H	GES	12 units	1.5 yrs
		Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	H, L	GES	12 units	1.5 yrs
Advanced Diploma of Community Sector Management	C, OC, OL	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Disability	C	Bachelor of Arts	H	GES	12 units	1.5 yrs
		Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Science (Psychology)	H	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Occupational Health and Safety	H & EV	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Diploma of Children's Services (Early childhood education and care)	L, P	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	H, L	GES	8 units	2 yrs
Diploma of Community Services Work	C, P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Nursing (Enrolled/Division 2 Nursing)	L	Bachelor of Arts	H	GES	12 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	H, L	GES	8 units	2 yrs
Diploma of Occupational Health and Safety	H & EV	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Out of School Hours Care	OL, WP	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Remedial Massage	C	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Sport (Development)	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
HORTICULTURE AND ENVIRONMENT						
Diploma of Conservation and Land Management	L	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	H	GES	8 units	2 yrs
Diploma of Horticulture	W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Horticulture/Diploma of Sustainability	W	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Production Horticulture Specialising in Viticulture	L	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs



TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
Diploma of Sustainable Landscape Design	H, O	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
HOSPITALITY, TOURISM AND EVENT MANAGEMENT						
Advanced Diploma of Events	P	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Hospitality	L, P	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Advanced Diploma of Hospitality/Diploma of Sustainability	P	Bachelor of Arts	H	GES	12 units	1.5 yrs
		Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Science	H	GES	12 units	1.5 yrs
		Bachelor of Social Science	H	GES	12 units	1.5 yrs
Advanced Diploma of Tourism	L	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
INFORMATION AND COMMUNICATION TECHNOLOGIES						
Advanced Diploma of Information Technology (Network Security)	H	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Business Information Systems	H	PD	4 units	2.5 yrs
		Bachelor of Engineering (Telecommunications and Network Engineering)	H	PD	9 units	3 yrs
		Bachelor of Engineering (Telecommunications and Network Engineering)/Bachelor of Science (Computer Science and Software Engineering)	H	PD	9 units	4 yrs
		Bachelor of Information and Communication Technology	H	PD	12 units	1.5 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	8 units	2 yrs
		Bachelor of Science (Computer Science)	H	PD	8 units	3yrs
		Bachelor of Science (Games Development)	H	PD	4 units	2.5 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Diploma of Information Technology (Networking)	H, L, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	PD	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Information and Communication Technology	H	PD	12 units	1.5 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	8 units	2 yrs
		Bachelor of Science (Computer Science)	H	PD	8 units	3 yrs
		Bachelor of Science (Games Development)	H	PD	4 units	2.5 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Information Technology (Software Development)	H, L, W	Bachelor of Arts (Digital Media)	H	GES	8 units	2 yrs
		Bachelor of Arts (Games and Interactivity)	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	PD	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Information and Communication Technology	H	PD	12 units	1.5 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	8 units	2 yrs
		Bachelor of Science (Computer Science)	H	PD	8 units	3 yrs
		Bachelor of Science (Games Development)	H	PD	4 units	2.5 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

**Pathways from TAFE to degree courses** (continued)

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
INFORMATION AND COMMUNICATION TECHNOLOGIES (CONTINUED)						
Diploma of Information Technology (Systems Administration)	H, L, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	PD	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Information and Communication Technology	H	PD	10 units	2 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	6 units	2.5 yrs
		Bachelor of Science (Computer Science)	H	PD	8 units	2.5 yrs
		Bachelor of Science (Games Development)	H	PD	4 units	3 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Information Technology (Website Development)	H, L, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Business Information Systems	H	PD	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Information and Communication Technology	H	PD	10 units	2 yrs
		Bachelor of Information and Communication Technology (Network Design and Security)	H	PD	6 units	2.5 yrs
		Bachelor of Science (Computer Science)	H	PD	8 units	3 yrs
		Bachelor of Science (Games Development)	H	PD	4 units	2.5 yrs
		Bachelor of Science (Professional Software Development)	H	PD	4 units	3 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
SCIENCE						
Advanced Diploma of Laboratory Operations	H, WP	Bachelor of Business	L	GES	12 units	1.5 yrs
		Bachelor of Science	H	GES	12 units	1.5 yrs
		Bachelor of Social Science	L	GES	12 units	1.5 yrs
Diploma of Laboratory Technology	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
SUSTAINABILITY						
Diploma of Carbon Management	H	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Conservation and Land Management	L	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	H	GES	8 units	2 yrs
Diploma of Conservation and Land Management/Diploma of Sustainability	L	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	H	GES	8 units	2 yrs
Diploma of Sustainability	C, H, L, P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Sustainable Landscape Design	H, OL	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

TAFE COURSE	CAMPUS	UNIVERSITY DEGREE	CAMPUS	PATHWAY SCHEME	MAXIMUM UNIT EXEMPTION	MINIMUM TIME TO COMPLETE DEGREE
Diploma of Sustainable Water and Catchment Management	L	Bachelor of Arts	H	GES	8 units	2 yrs
		Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Science	H	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
VISUAL, PERFORMING AND CIRCUS ARTS						
Diploma of Specialist Make-up Services	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Theatre Arts	P	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Visual Art	P, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs
Diploma of Visual Merchandising	P, W	Bachelor of Business	L	GES	8 units	2 yrs
		Bachelor of Commerce	H	GES	8 units	2 yrs
		Bachelor of Communication	L	GES	8 units	2 yrs
		Bachelor of Social Science	L	GES	8 units	2 yrs

## Study abroad



The cultural experience of international study offers you a personal growth opportunity: to develop insight, communication skills and a depth of understanding. Swinburne offers an extensive range of international study opportunities for both TAFE and degree students.

[www.swinburne.edu.au/abroad](http://www.swinburne.edu.au/abroad)

### International exchange

The International Exchange Program, available to both TAFE and degree students, allows you to immerse yourself in a culture for an extended period of study at one of over 60 of Swinburne's partner institutions. During your semester or year abroad you will have the opportunity to integrate into the local community and learn about another culture, while completing your studies. Many students feel like their host country becomes their second home.

### Study tours and short-term programs

Swinburne offers a range of discipline-specific study tours and short-term programs, designed to enable both TAFE and degree students to develop personal and professional skills while visiting exciting destinations around the world.

### Overseas internships

Working abroad is an opportunity for degree students to put academic knowledge into practice and gain an international perspective. Students can work abroad for between two and 12 months through our international work experience or Industry-Based Learning programs.

**SWINBURNE HAS ONE OF AUSTRALIA'S HIGHEST RATES OF STUDENTS EXPERIENCING OVERSEAS WORK OR LEARNING EXPERIENCES**

*2010 Australian Universities  
International Directors'  
Forum report*

## SCHOLARSHIPS AND TRAVEL GRANTS

Swinburne offers a number of scholarships and travel grants to make international experience more accessible. Application forms and more information can be found at [www.swinburne.edu.au/abroad](http://www.swinburne.edu.au/abroad)

### Brad van Delft Exchange to University of Cincinnati, United States

"My exchange is an experience that will stay with me forever. I've been so lucky to have the opportunity to enjoy life in the US and make some great friends from all around the world. I would recommend exchange to anyone and everyone. It has changed my life and I learnt so much."



### Study at Swinburne in Sarawak

Swinburne Sarawak is a great option if you want an international experience that is straightforward to organise, yet still offers academic, personal and professional benefits.

With programs ranging from four weeks to one year, there are a number of options available. Whichever option you choose, the exciting location of Sarawak, featuring rainforests, pristine tropical waters and the whole of South East Asia at its doorstep, promises intrepid adventures.

Study at Sarawak is available to degree students only; units of study are offered in commerce, engineering, IT and multimedia, and science.

## Campus life

Our campuses offer lively and inclusive communities with a range of facilities designed to support you and help you balance the demands of study with your other interests, giving you opportunities to meet like-minded people and have fun along the way. All of our campuses feature up-to-the-minute technology in a contemporary environment, helping you to get the most out of your study experience.

### Clubs and societies

Swinburne clubs and societies are active on every campus. Covering every social, religious, sporting, regional, political and cultural interest you can think of, there's bound to be something for you. And if not, you can always start your own!

### Events and activities

Each campus has a packed calendar of events and cultural activities – from free barbecues and lunchtime gigs to themed parties, balls and getaways – allowing you to create a balance between life and study while on campus.

### Wireless networking

Wireless network access at Swinburne means that you can turn on your laptop or mobile phone at any time, anywhere within the coverage areas, and have access to the internet and university network.

### Computer labs

Swinburne offers a number of PC labs to assist you in completing your assignments.

The Hawthorn campus library provides a Late Lab which offers 24-hour, seven-day access.

### Libraries

As a Swinburne student you will have access to the extensive collection of resource material in any of our campus libraries. Resources available for student use include books, journals and other electronic resources. The libraries also have workstations, computers, printers, scanners and photocopiers for student use.

### Careers and employment services

Swinburne's experienced careers advisers offer free advice on graduate recruitment programs, apprenticeships, traineeships, jobs at Swinburne and elsewhere and how to start your own business.

Swinburne also offers free résumé-checking services, interview practice sessions and career seminars and workshops.

### Sport and recreation

The Hawthorn and Lilydale campuses offer fun and welcoming gym facilities and personal training (at student-friendly rates). Hawthorn also has several sporting clubs for students to join.



## THE GEORGE

THE GEORGE BUILDING AT HAWTHORN CAMPUS, NAMED FOR UNIVERSITY FOUNDER GEORGE SWINBURNE, IS A BRAND-NEW SEVEN-STOREY BUILDING FEATURING STUDY AREAS, A GAMES ROOM, CAREERS AND EMPLOYMENT AND HEALTH SERVICES. IT'S A GREAT PLACE TO CATCH UP ON YOUR READING OR MEET FRIENDS BETWEEN CLASSES.





## > Campus life (continued)



WIRELESS NETWORK  
ACCESS AT SWINBURNE  
MEANS THAT YOU CAN  
TURN ON YOUR LAPTOP  
OR MOBILE PHONE AT ANY  
TIME, ANYWHERE WITHIN  
THE COVERAGE AREAS,  
AND HAVE ACCESS TO  
THE INTERNET AND  
UNIVERSITY NETWORK.

### **Housing and residential services**

Swinburne's housing advisers provide information and advice to students looking for affordable and secure accommodation, whether on or off campus.

### **Disability support services**

Swinburne is committed to increasing and enhancing educational opportunities for people with disabilities. Disability Liaison Officers are available on each campus. They can assist with adaptive technologies, campus parking and access, alternative assessment arrangements and study support, and will formulate an appropriate support strategy with each student individually.

Details are available at [www.swinburne.edu.au/disability](http://www.swinburne.edu.au/disability). Or you can drop in to visit:

- Hawthorn campus (for Hawthorn and Prahran students): Level 4, The George, Wakefield Street
- Lilydale campus: Student Information Centre, LA building
- Wantirna campus (for Wantirna and Croydon students): Room WA117, WA building

### **Childcare facilities**

Swinburne has childcare centres at the Hawthorn, Prahran, Lilydale, Croydon and Wantirna campuses for students' children. Centres operate Monday to Friday; fees apply.

### **Counselling**

Swinburne students can access free counselling for any study, work, personal or relationship issues they are experiencing.

### **Financial advice**

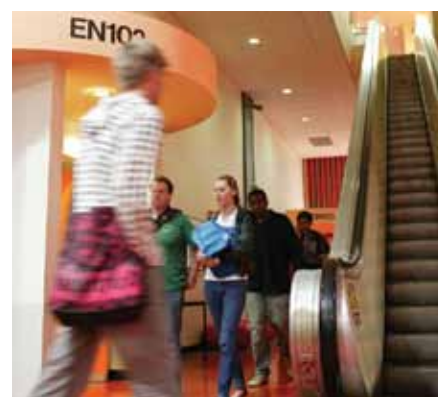
Each of our campuses employs a financial adviser to assist students free of charge with managing budgets, student loans and other financial issues.

### **Legal advice**

Swinburne provides free and confidential legal advice to students. The service encourages and supports students in solving their own legal and related problems.

### **Health services**

Friendly and accessible health services are available across all campuses, including free appointments with registered nurses (all campuses) and bulk-billed appointments with doctors (Hawthorn campus).



## Accommodation options

From the Residential College, to student apartments, to off-campus rooms and houses, there is a range of housing options available.

[www.swinburne.edu.au/housing](http://www.swinburne.edu.au/housing)

### On-campus accommodation

#### Hawthorn

##### *Residential College and Apartments*

The 84-bed student Residential College is right in the heart of the Hawthorn campus, and provides a safe and supportive environment for first-year or international exchange students. Accommodation in the Residential College costs between \$280 and \$310\* per week per person, including gas, water, electricity and a daily continental breakfast.

There are also 151 beds available in the two- and three-bedroom on-campus apartments, providing independent living for more senior students. Apartments range from \$215 to \$280\* per week per person including gas, water and electricity.

##### *UniLodge@Swinburne Place*

The 125 UniLodge designer apartments at Swinburne Place are fully furnished with lockable bedrooms, remote TV and modern kitchens with crockery and cutlery. There's a common room with a pool table and plasma TV screens, a laundry and outdoor BBQ area. The apartments have electronic keycard access and security camera CCTV surveillance. Single-room studios and four-, three- and two-bedroom apartments are available, costing between \$199 and \$368\* per week per person including gas, water and electricity.

##### *UniLodge Vivida*

This brand new complex comprises 194 tastefully appointed, fully furnished studio apartments. They feature ensuite bathrooms, security keycard access and CCTV surveillance, flat-screen TVs and DVD players in each room, private balconies and air-conditioning and dishwashers (selected apartments only). Common facilities include a rooftop garden and BBQ area and laundry facilities. Apartments cost between \$265 and \$299\* per week including water and gas.



#### Lilydale

##### *Lilydale Student Village*

Housing 100 students, the village overlooks the scenic lake and is a short walk from the academic buildings, local shops and public transport. It features a common room with a pool table, lounge area, flat-screen TV with Foxtel and a DVD player, laundry facilities, gym, wireless internet, outdoor BBQ and on-site parking. Each apartment comprises four or five bedrooms, a kitchen and lounge/dining room, and either ensuites or twin-share bathrooms. Prices range from \$165 to \$190\* per week per person including gas, water and electricity.

### Off-campus accommodation

The university has a database of housing vacancies around each of the Swinburne campuses. You can register as a future student at <http://swinburne.studystays.com.au>

## RESIDENTIAL SCHOLARSHIPS

Swinburne offers a number of residential scholarships to students living on campus at Hawthorn or Lilydale.

[www.swinburne.edu.au/residential](http://www.swinburne.edu.au/residential)

#### NOTE:

\* Prices listed are current for 2011. Please check [www.swinburne.edu.au/housing](http://www.swinburne.edu.au/housing) for up-to-date accommodation costs.

## Course fees

### TAFE

TAFE fees are made up of:

- Tuition fee – see table below
- Amenities fee of up to \$202 per calendar year
- Materials fee (some courses require you to purchase materials which you then own – your school will advise if materials are required)
- Ancillary fee (some courses have additional costs for excursions or club memberships – your school will advise if these apply)

This information on TAFE fees relates to Government Subsidised Places. To find out more information on citizenship requirements and eligibility for a government subsidised place, visit: [www.swinburne.edu.au/fees](http://www.swinburne.edu.au/fees)

### Concessions

#### Certificate IV and below

Holders of a current Health Care Card (HCC), Pensioner Concession Card (PCC) or Veterans Gold Card (and dependant spouses or children listed on a HCC or PCC) are eligible for a concession on tuition and amenities fees for Certificate IV courses and below.

#### Diplomas and advanced diplomas

Students aged under 25 who hold a valid concession card and have a government subsidised place in a diploma or advanced diploma can take advantage of a new tuition fee concession, allowing eligible students to pay a maximum of \$100 for their tuition fees. This concession currently only applies for 2011 but may be extended.

HCC, PCC and Veterans Gold Card holders may also be eligible for a concession on their amenities fee.

#### VET FEE-HELP (diploma and advanced diploma only)

VET FEE-HELP is a Commonwealth Government loan scheme through which you can defer the payment of your tuition fees. When your income reaches a certain repayment threshold the debt is repaid through the tax system. A loan fee of 20 per cent applies to VET FEE-HELP loans, except for those students who are eligible for a funded place and enrolled in a diploma or advanced diploma VET unit of study from 1 July 2009. VET FEE-HELP does not cover the loan fee, any amenities or materials fees, accommodation or living expenses.

For further information on eligibility and requirements for VET FEE-HELP please visit: [www.deewr.gov.au/VETFEEHELP](http://www.deewr.gov.au/VETFEEHELP)

### University

When you commence study in a Commonwealth Supported Place (CSP), you must contribute towards the cost of your tuition. The amount you pay depends on which units you study and the payment method you choose.

#### HECS-HELP

You may like to defer your contribution by taking out an interest-free HECS-HELP loan. Under this option, the Commonwealth Government pays the loan amount directly to Swinburne. Then, when your salary reaches the minimum repayment threshold you will make compulsory repayments through the tax system.

#### Other expenses

As well as tuition fees, you will need to be able to cover resource costs such as textbooks, materials, art supplies or software. To minimise these costs you can choose to buy second-hand textbooks or, alternatively, you can access them through one of Swinburne's libraries.

Accommodation and general living expenses will also vary depending on your chosen living arrangements. For information about on-campus accommodation see page 23.

### TAFE tuition fees for students eligible for a government subsidised place\*#

Qualification/tuition structure	Fee per student contact hour	Minimum fee	Maximum fee (full year enrolment)
Foundation Skills	\$1.08	\$50	\$500
Traineeships	\$1.84	\$187.50	\$1250
Apprenticeships	\$1.40	\$58	\$923
Certificate I and II	\$1.51	\$105	\$875
Certificate III and IV	\$1.84	\$187.50	\$1250
Diploma and Advanced Diploma	\$3.79	\$375	\$2000

\* Your tuition fee is calculated according to the number of hours you are enrolling in, multiplied by the hourly charge, and is dependent on your eligibility for a funded place.

# Fees listed are current in 2011. Please refer to: [www.swinburne.edu.au/fees](http://www.swinburne.edu.au/fees) for 2012 fee information (available from November 2011).

# Scholarships



Swinburne offers a wide range of scholarships for high-achieving students, and for students who would not otherwise be able to access tertiary education.

For full details and eligibility/selection criteria visit: [www.future.swinburne.edu.au/scholarships](http://www.future.swinburne.edu.au/scholarships)

## University-wide scholarships

### CHANCES Scholarships – Foundation Boroondara

For talented, disadvantaged young people who live or study in Boroondara.

**Value: up to \$1500.**

### Commonwealth scholarships

All university students receiving student income support will receive a Student Start-up Scholarship for each year of their course to assist with education costs. Students may also be eligible for a Relocation Scholarship.

**Value: \$1097 per six months of eligible study (2011 value; this will be indexed each year).**

### Indigenous scholarships

Swinburne offers a number of scholarships for Indigenous people who can demonstrate low socioeconomic status or financial disadvantage.

**Value: between \$1145 and \$4253.**

### Rural and regional equity scholarships

There are a number of scholarships available for applicants from rural or isolated regions who can demonstrate sociological disadvantage and financial need.

**Value: between \$3000 and \$18,000.**

### Swinburne Equity Scholarship for Refugee or Asylum Seeker

For undergraduate applicants from a low socioeconomic background with refugee or asylum seeker status.

**Value: one-off payment of \$2000 to assist with study costs.**

### TAFE Pathways Equity Scholarship

For a student from a low socioeconomic background who has completed a TAFE course as a pathway to higher education.

**Value: one off payment of \$3000 to assist with study costs.**

### Vice-Chancellor's Scholarships

For undergraduate students who have achieved an ATAR of at least 97.00.

**Value: students are exempt from paying the Student Contribution Amount.**

### Deans' Scholarships

#### Faculty of Higher Education, Lilydale

For undergraduate students who have achieved an ATAR of at least 89.90.

**Value: students are exempt from paying the Student Contribution Amount.**

*There are a number of other Lilydale campus scholarships available; see [www.future.swinburne.edu.au/scholarships](http://www.future.swinburne.edu.au/scholarships) for more information.*

#### Faculty of Life and Social Sciences

For up to five high-achieving VCE students who:

- attain an ATAR of at least 95.00
- enrol in a program offered by the Faculty of Life and Social Sciences (Arts, Digital Media, Health Science, Science and Social Science) at the Hawthorn campus
- have not been awarded a Vice-Chancellor's Scholarship

**Value: students are exempt from paying course tuition fees.**

### Faculty-specific scholarships

There are a number of faculty-specific scholarships available; see [www.future.swinburne.edu.au/scholarships](http://www.future.swinburne.edu.au/scholarships)



## REGIONAL BONUS SCHEME

Swinburne gives a five-point ATAR bonus to VCE applicants who apply through VTAC for undergraduate degrees at the Lilydale campus. Students who live within nominated postcodes will have the five bonus points applied automatically during the selection period.

[www.swinburne.edu.au/regional-bonus](http://www.swinburne.edu.au/regional-bonus)

## How to apply

Applications can be made direct to Swinburne or to the Victorian Tertiary Admissions Centre (VTAC), depending on your course, when you want to commence and your preferred application method.

### Direct applications

You can complete the direct application form included in the back of this guide, or an online application: [www.swinburne.edu.au/apply](http://www.swinburne.edu.au/apply)

### VTAC applications

VTAC applications should be submitted electronically via the VTAC website: [www.vtac.edu.au](http://www.vtac.edu.au)

The application period opens in July and closes in the last week of September. Late applications will be accepted by VTAC until mid-December, but some programs that have special requirements will not accept late applications. The VTAC system allows you to preference up to 12 courses in your application.

### Change of Preference

You can change your original VTAC application course preferences during the Change of Preference period in November/December. See the current VTAC Guide or [www.vtac.edu.au](http://www.vtac.edu.au) for exact dates and details.

### Applying for apprenticeships and traineeships

See [www.swinburne.edu.au/apprenticeships](http://www.swinburne.edu.au/apprenticeships) for details about applying for apprenticeships and traineeships.

### Deferring

See [www.swinburne.edu.au/deferment](http://www.swinburne.edu.au/deferment) for information on how to defer your studies.

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

\* See page 5 for details.

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

### Special Entry Access Scheme

Swinburne participates in the Special Entry Access Scheme (SEAS) for VTAC applicants who have been unable to reach their full educational potential or who have restricted access to the course of their choice because of their life circumstances. If your situation relates to one of the following categories, you can apply for special admission to Swinburne:

- Mature age
- Non-English speaking background
- Recognition as an Indigenous Australian
- Difficult circumstances
- Disadvantaged financial background
- From a rural or isolated area
- From an under-represented school
- Women or men in under-represented disciplines
- Disability or medical condition
- Refugee background

[www.swinburne.edu.au/seas](http://www.swinburne.edu.au/seas)

### Entry requirements for non-Year 12 applicants

As a non-Year 12 student your application will be considered on a broad range of factors, including previous studies, work experience and any extra requirements specified for the course. For entry into degree courses, completion of a TAFE course is often required. Entry requirements for TAFE courses are outlined in the individual course entries in this brochure. Particular courses may also require you to sit a Special Tertiary Admissions Test; visit [www.swinburne.edu.au/stat](http://www.swinburne.edu.au/stat) for more information.

## 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 Swinburne International:

1800 897 973 (within Australia)  
+61 3 8676 7002 (worldwide)  
[international@swinburne.edu.au](mailto:international@swinburne.edu.au)  
[www.international.swinburne.edu.au](http://www.international.swinburne.edu.au)

## START WHEN IT SUITS YOU

Many of our TAFE courses have intakes every six weeks.





# Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Arts, Psychology and Social Science

Aviation

Business, Commerce and Management

Design and Film & TV

Digital Media

Engineering and Technology

Health and Community Services

Horticulture and Environment

Hospitality, Tourism and Event Management

Information and Communication Technologies

Science

Sustainability

Visual, Performing and Circus Arts

Apprenticeships and Traineeships

Preparatory and English Language Programs

Vocational Education and Training Practice



**Any questions?**  
**1300 275 794**

**[study@swinburne.edu.au](mailto:study@swinburne.edu.au)**

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Advertising

### Bachelor of Communication (Advertising)

**Campus:** Lilydale and Prahran (students study a minimum of six units at Prahran)

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.40

Advertising has become so pervasive in the new media environment of the 21st century that people hardly ever stop to think about it. But how does advertising operate? Who creates all these promotional messages? How are they devised and directed to the people advertisers intend to influence? This major combines advertising design and theory to help you answer these questions and many more. You will learn about effective design and strategy, advertising development and implementation and evaluation, enabling you to design advertisements that will not only please clients but achieve the ultimate purpose of reaching your audience in the desired way. Through careful matching of practical projects with appropriate theory, in line with current professional standards and requirements, this major will help you build the vital knowledge and skills you need to succeed in the complex and creative world of advertising.

#### Career opportunities

Graduates can expect to work in agency or in-house roles that involve providing leadership and/or major input into advertising design and implementation. Employment can be found in marketing and public relations agencies and in the sales, marketing or communication departments of large organisations, or in roles working together with human resources groups in organisations that regularly advertise for students or staff.

## Arts

### Bachelor of Arts

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.00

The Bachelor of Arts is designed to foster your individual development and allow you to develop research and analytical skills that can be applied to a range of situations. As an arts student, you will learn how to gather, synthesise and assess information, how to conceptualise issues and how to express yourself effectively, both orally and in writing.

You will be required to undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. There is a range of co-majors and minors available, which add depth or breadth to your degree.

Depending on your major, you have the option of graduating with a Bachelor of Arts or one of the following tagged degrees:

- Bachelor of Arts (Digital Media)
- Bachelor of Arts (Digital Media and Marketing)
- Bachelor of Arts (Games and Interactivity)
- Bachelor of Arts (Games and Interactivity)/Bachelor of Science (Computer Science and Software Engineering)
- Bachelor of Arts (Journalism)
- Bachelor of Arts (Media)
- Bachelor of Arts (Media and Communications)
- Bachelor of Arts (Politics and Public Policy)

- Bachelor of Arts (Psychology)
- Bachelor of Arts (Psychology and Forensic Psychology)
- Bachelor of Arts (Psychology and Psychophysiology)
- Bachelor of Arts (Sociology)
- Bachelor of Arts (Sustainability Management)

See the individual entries in this guide for an overview of each tagged degree.

Swinburne also offers an honours (fourth) year for most of the tagged degrees listed above.

A Bachelor of Science (Psychology and Psychophysiology) is also available; refer to page 33.

#### Career opportunities

Graduates are equipped for professional careers in their area of specialisation. These include: policy analysis and development, research, community development, administration, public relations, publishing, media, community development, social management, journalism, psychology, internet and digital marketing and writing.

#### Professional recognition

The three-year undergraduate major sequence in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

## Communication

### Bachelor of Communication

**Campus:** Lilydale and Prahran (students study four to six units at Prahran)

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 71.00

In this course you will study three distinct but related areas: media studies, public relations and design. You will receive grounding in media and media production, public relations and the impact of design on these specialised areas of communication.

You will also have the opportunity to participate in hands-on projects designed to help you become work-ready and able to take on the challenges of the dynamic professional communication sector. You will undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. There is a range of co-majors and minors available, which add depth or breadth to your degree.

Depending on your major, you have the option of graduating with a Bachelor of Communication or one of the following tagged degrees:

- Bachelor of Communication (Advertising)
- Bachelor of Communication (Media Studies)
- Bachelor of Communication (Public Relations)

See the individual entries in this guide for an overview of each tagged degree.

This course is also offered as a double degree with the Bachelor of Business (see page 39) or Bachelor of Social Science (see page 35).

#### Career opportunities

Employment can be found in areas such as advertising, public relations, journalism, radio, film and television and communications research.

#### Professional recognition

The public relations major is fully accredited by the Public Relations Institute of Australia (PRIA) and graduates are eligible to apply for membership.

## Communication/Social Science

### Bachelor of Communication/ Bachelor of Social Science

**Campus:** Lilydale and Prahran (students study four to six units at Prahran)

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.10

This double degree will enable you to think critically and develop your problem-solving skills – both individually and in team environments – as well as developing interpersonal and teamwork skills.

You will be taught how to research issues, analyse information and apply the knowledge and the techniques learnt within an academic or professional environment. You will select one communication major from: advertising, communication, media communication or public relations. You will also select one social science major from: media studies, psychology, public relations and society, or sociology. Please note: you cannot select the same major from both disciplines. Upon graduation, you will have developed skills enabling you to capitalise on opportunities in both the communication and social science professions.

#### Career opportunities

You will gain knowledge, skills and attributes pertinent to a variety of contemporary careers in the private and public sectors, both locally and internationally. See the individual entries in this guide for further career opportunities for each degree.

## Journalism

### Diploma of Screen and Media – Integrated Journalism stream

New

**Campus:** Prahran

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Applicants will be asked to submit a pre-selection kit and may be required to present a folio at interview.

**Application:** VTAC and direct (both are required)

Students will develop a general understanding of the relationship between the media and community, society and industry, while learning practical production and presentation skills in multi-platform (radio, TV, print and online) journalism. The course covers new digital production techniques, writing persuasive copy, conducting interviews, producing and coordinating television programs and exploring issues on radio.

#### Career opportunities

Graduates will possess the skills to work as journalists within radio, TV or online. You will have the ability to write online articles and undertake photojournalism assignments within your chosen field.

### Bachelor of Arts (Journalism)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.05

Journalism is undergoing a profound paradigm shift brought on by new media, and the rise of citizen journalism and blogging. This course combines traditional journalistic skills with a range of new skills, including self-sufficient internet publishing, multimedia production skills and the skills involved in interacting with audiences, social networking and building online communities. This practice-based course also provides an understanding of the broad social, historical, legal and moral context of journalism.

#### Career opportunities

You will be equipped for employment in the areas of journalism, new media, publishing, media research, writing, communications, television, radio, multimedia content production, news agency work and magazine production.

## Liberal Arts

### Diploma of Liberal Arts incorporating Certificate IV

**Campus:** Lilydale (February and mid-year intakes), Prahran (February intake only)

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This humanities- and social science-oriented course prepares you for further studies in this area or to enter the workforce in a variety of fields. In particular, it caters for mature-aged people wishing to progress to an arts, humanities or social sciences course offered at a university, or who have not completed Year 12 or equivalent.

#### Career opportunities

The diploma prepares students for work in the fields of arts, communications and social sciences, other fields where extensive researching, writing and other communication skills are required, or for further study.

## Media and Communications

### Bachelor of Arts (Media)

### Bachelor of Arts (Media and Communications)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.25

These courses provide a broad and practical approach to media studies, preparing you for work in the media, communications and multimedia industries. You will also gain an understanding of the way media is evolving by examining issues such as ownership, control of the media and the impact of new media technologies on society.

In addition to the media professional major, students undertake a co-major or two minors to complement their degree. The Media and Communications combination comprises a professional major in media and an additional co-major in communications.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Media graduates are equipped with the conceptual and practical skills necessary to actively and creatively contribute to today's media world, and they are in high demand within both the media and multimedia industries, particularly in the areas of web authoring, information architecture, electronic publications and news broadcasts, radio production, journalism, public relations, communication research, policy analysis and publishing.

## Media Studies

### Bachelor of Communication (Media Studies)

**Campus:** Lilydale and Prahlan (students study a minimum of four units at Prahlan)  
**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).  
**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.40

You will acquire knowledge of current media theories and learn to write for print, broadcast and digital media. You will engage in debate about globalisation, media ownership, policy and regulation and advances in digital technologies and social media such as blogs and YouTube. You will also have the opportunity to gain hands-on digital and communication experience.

#### Career opportunities

Graduates can expect to secure employment in areas such as interactive content creation, journalism, radio, public relations, communication research, advertising, digital media production, web design, video production and architectural visualisation.

#### Jessica Swann Bachelor of Arts (Media and Communications)

"I chose to study at Swinburne because the course sounded very hands-on and creative, and I thought it would open more doors for me. I now live in Dubai, where I work as a prime-time television presenter (co-hosting women's talk show *Her Say*), and in a full-time role at talk radio station Dubai Eye. When I first joined the radio station I felt a sense of relief in knowing how to use their equipment, as it was the same as what I had learnt on at Swinburne. The course was also enough of a foundation that I was able to pick up the other broadcasting systems quickly."



### Bachelor of Social Science (Media Studies)

**Campus:** Lilydale  
**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).  
**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** n/a

This degree comprises a range of theoretical units based on the social world, cultural diversity and research techniques. You will learn how to think critically about media and the role of media in societal processes, and also develop practical skills in writing for media and developing your own blogs and opinion pieces. Throughout the course students will engage with debates around cinema and digital technologies, and explore the changing face of social media and media production.

#### Career opportunities

Students will be equipped to work in media research organisations or undertake further education. See the Bachelor of Social Science, Lilydale entry on page 34 for further career opportunities.

## Politics and Public Policy

### Bachelor of Arts (Politics and Public Policy)

**Campus:** Hawthorn  
**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).  
**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.25

Politics is a subject of endless fascination. At its heart it is the study of power: who has it, who doesn't, and why. Students studying Politics and Public Policy are exposed to a wide range of topics, from the study of formal political institutions and policy analysis to the examination of struggles for social justice and human rights, independence, land rights and industrial democracy. Study units introduce students to the momentous political changes of the 20th century, and the challenges facing us in the 21st, in Asia-Pacific and beyond.

You will develop skills in research and analysis, critical thinking, problem-solving and effective communication.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Graduates have found employment in a wide range of positions, including policy analysis and public administration, education, workplace advocacy, journalism and media, human rights, community and aid organisations.

### Bachelor of Social Science (Politics and Public Policy)

**Campus:** Hawthorn  
**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).  
**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.25

Politics is a subject of endless fascination. At its heart it is the study of power: who has it, who doesn't, and why. Students studying Politics and Public Policy are exposed to a wide range of topics, from the study of formal political institutions and policy analysis to the examination of struggles for social justice and human rights, independence, land rights and industrial democracy. Study units introduce students to the momentous political changes of the 20th century, and the challenges facing us in the 21st, in Asia-Pacific and beyond. You will develop skills in research and analysis, critical thinking, problem-solving and effective communication.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Graduates have found employment in a wide range of positions, including policy analysis and public administration, education, workplace advocacy, journalism and media, human rights, community and aid organisations.

## Professional Writing and Editing

### Diploma of Professional Writing and Editing

#### Certificate IV in Professional Writing and Editing

**Campus:** Lilydale, Prahlan  
**Duration:** *Certificate IV* – One year full-time  
*Diploma* – One year full-time  
Part-time studies may be offered subject to availability.  
**Prerequisite:** *Certificate IV* – Satisfactory completion of Victorian Year 12 or equivalent, or mature age.  
*Diploma* – Satisfactory completion of Victorian Year 12 or equivalent, plus relevant competencies from the Certificate IV in Professional Writing and Editing, or equivalent industry experience.  
**Application:** Direct

These courses will provide you with skills in writing and editing for employment in the industry or further tertiary study. You will develop awareness of industry standards and demands and develop knowledge of the markets available to professional writers and editors. Units of study cover areas including industry laws and regulations, designing and developing text documents and developing writing and editing skills for novels, short stories, popular fiction and children's books.

#### Career opportunities

Technical and professional writers work in almost every field of industry and public life, including high-technology industries, business, government, research and non-profit organisations. The careers available to graduates include multimedia communication, technical, medical, scientific writing, marketing and journalism.

*continued*

## Psychology

### Bachelor of Arts (Psychology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.00

Studying psychology will provide you with knowledge and skills that will improve your ability to understand and explain human behaviour and relationships. The psychology major provides specialised study in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. You will complete a variety of research projects and develop critical real-world project management, research design and report-writing skills.

#### Career opportunities

Psychology graduates are highly sought-after in a range of human services positions, including roles in community and mental health, human resource management, policy development, research, welfare, journalism, marketing and advertising. Graduates may apply to undertake a fourth year in psychology with further study in specialist areas of professional psychology such as counselling, health and clinical, organisational and sports psychology.

This course also provides the first step to becoming a professional psychologist: with further studies, students can obtain qualifications to become clinical, counselling, forensic or neuropsychologists, or social workers.

#### Professional recognition

The three-year undergraduate professional major in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

### Bachelor of Science (Psychology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.85

Studying psychology will provide you with knowledge and skills that will improve your ability to understand and explain human behaviour and relationships. The psychology major provides specialised study in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. You will complete a variety of research projects and develop critical real-world project management, research design and report-writing skills.

Students will also complete units in biology, chemistry, human physiology or biochemistry.

#### Career opportunities

Psychology graduates are highly sought-after in a range of human services positions, including roles in community and mental health, human resource management, policy development, research, welfare, journalism, marketing and advertising. Graduates may apply to undertake a fourth year in psychology with further study in specialist areas of professional psychology such as counselling, health and clinical, organisational and sports psychology. This course also provides the first step to becoming a professional psychologist: with further studies, students can obtain qualifications to become clinical, counselling, forensic or neuropsychologists, or social workers.

#### Professional recognition

The three-year undergraduate professional major in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

### Bachelor of Social Science (Psychology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.05

Studying psychology will provide you with knowledge and skills that will improve your ability to understand and explain human behaviour and relationships. The psychology major provides specialised study in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. You will complete a variety of research projects and develop critical real-world project management, research design and report-writing skills.

#### Career opportunities

Psychology graduates are highly sought-after in a range of human services positions, including roles in community and mental health, human resource management, policy development, research, welfare, journalism, marketing and advertising. Graduates may apply to undertake a fourth year in psychology with further study in specialist areas of professional psychology such as counselling, health and clinical, organisational and sports psychology. This course also provides the first step to becoming a professional psychologist: with further studies, students can obtain qualifications to become clinical, counselling, forensic or neuropsychologists, or social workers.

#### Professional recognition

The three-year undergraduate professional major in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology at the Hawthorn campus.

### Bachelor of Social Science (Psychology)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 60.25

Studying psychology will provide you with knowledge and skills that will improve your ability to understand and explain human behaviour and relationships. The psychology major provides specialised study in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology. You will complete a variety of research projects and develop critical real-world project management, research design and report-writing skills.

#### Career opportunities

Psychology graduates are highly sought-after in a range of human services positions, including roles in community and mental health, human resource management, policy development, research, welfare, journalism, marketing and advertising. Graduates can apply to undertake a fourth year in psychology with further study in specialist areas of professional psychology such as counselling, health and clinical, organisational and sports psychology. This course also provides the first step to becoming a professional psychologist: with further studies, students can obtain qualifications to become clinical, counselling, forensic or neuropsychologists, or social workers.

#### Professional recognition

The three-year undergraduate professional major in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology at the Hawthorn campus.

## Psychology – Forensic

### Bachelor of Arts (Psychology and Forensic Psychology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.00

This degree allows you to develop specialist knowledge about the application of psychology to aspects of the law, the justice system and forensic science, and statistical skills relevant to forensic issues. This major provides specialised study in forensic psychology based on an understanding of developmental psychology, cognition and neuroscience, social psychology, personality, psychological assessment and abnormal psychology. You will complete a variety of research projects, specialist units on research design, and project units related to forensic psychology.

#### Career opportunities

Refer to career opportunities for Psychology, left. Completing the forensic psychology stream will be an advantage for people wanting to work within the justice system. This course also provides the first step to becoming a professional psychologist. With further studies, students can complete a fourth year in psychology and then obtain postgraduate qualifications to become forensic psychologists or other relevant specialties such as clinical, counselling, neuropsychology, organisational or sport psychology.



### Professional recognition

The three-year undergraduate major sequence in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

### Bachelor of Social Science (Psychology and Forensic Psychology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.55

This degree allows you to develop specialist knowledge about the application of psychology to aspects of the law, the justice system and forensic science, and statistical skills relevant to forensic issues. This major provides specialised study in forensic psychology based on an understanding of developmental psychology, cognition and neuroscience, social psychology, personality, psychological assessment and abnormal psychology. You will complete a variety of research projects, specialist units on research design, and project units related to forensic psychology.

### Career opportunities

Refer to career opportunities for Psychology, page 32. Completing the forensic psychology stream will be an advantage for people wanting to work within the justice system. This course also provides the first step to becoming a professional psychologist. With further studies, students can complete a fourth year in psychology and then obtain postgraduate qualifications to become forensic psychologists or other relevant specialties such as clinical, counselling, neuropsychology, organisational or sport psychology.

### Professional recognition

The three-year undergraduate major sequence in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

## Psychology and Psychophysiology

### Bachelor of Arts (Psychology and Psychophysiology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.20

This course is unique to Swinburne and offers students an undergraduate degree with major studies in psychology and psychophysiology, encompassing the fields of psychology and cognitive and behavioural neurosciences.

The psychology major provides a broad introduction to a range of relevant studies, with more specialised work in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology.

The psychophysiology co-major provides an understanding of physiological processes relevant to the study of psychology. Areas of study include neuroanatomy, neurophysiology, physiological responses to sleep, dreaming, memory and cognition, and brain disorders. Psychophysiology also looks at the use of biological recording technology relevant to the study of cognition and behaviour.

A distinguishing feature of this arts stream is the additional sociology and philosophy subjects in first year which provide students with additional skills in interacting within the health community.

### Career opportunities

Swinburne psychology and psychophysiology students are regarded very highly in the community for their unique blend of research, psychological and psychophysiological skills. Graduates of this course have been employed in neurophysiological areas of hospitals, research areas of universities, research institutes within the private and public sectors, community health services and clinics, and areas associated with sports psychology, ergonomics, psychophysiology and clinical psychology.

### Professional recognition

The three-year undergraduate major sequence in psychology included in the degree is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology and an honours (fourth) year in psychophysiology.

### Bachelor of Science (Psychology and Psychophysiology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.05

This course is unique to Swinburne and offers students an undergraduate degree with major studies in psychology and psychophysiology, encompassing the fields of psychology and cognitive and behavioural neurosciences.

The psychology major provides a broad introduction to a range of relevant studies, with more specialised work in developmental psychology, cognition, social psychology, personality, design and measurement, psychological measurement and abnormal psychology.

The psychophysiology co-major provides an understanding of physiological processes relevant to the study of psychology. Areas of study include neuroanatomy, neurophysiology, physiological responses to sleep, dreaming, memory and cognition, and brain disorders. Psychophysiology also looks at the use of biological recording technology relevant to the study of cognition and behaviour.

### Career opportunities

Swinburne psychology and psychophysiology students are regarded very highly in the community for their unique blend of research, psychological and psychophysiological skills. Graduates of this course have been employed in neurophysiological areas of hospitals, research areas of universities, research institutes within the private and public sectors, community health services and clinics, and areas associated with sports psychology, ergonomics, psychophysiology and clinical psychology.

### Professional recognition

The three-year undergraduate major sequence in psychology included in the degree is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology, and an honours (fourth) year in psychophysiology.

## Public Relations

### Bachelor of Communication (Public Relations)

**Campus:** Lilydale and Prahran (students study a minimum of four units at Prahran)

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.05

Public relations professionals frequently work alongside creative designers of graphics, multimedia, web presence, products and events. In recognition of this synergy, design is a central theme of this course. You will learn the 'language' of design so you can write effective briefs for design colleagues, and also complete units in marketing, event management and media. You will produce portfolios that can serve as academic and professional achievements for employment purposes.

### Career opportunities

This course can lead to roles in areas such as event management, community relations, promotions, investor relations, advertising, government relations, marketing, product publicity, issue management, crisis and risk communication and media relations.

### Professional recognition

The course is fully accredited by the Public Relations Institute of Australia (PRIA) and graduates are eligible to apply for membership.

### Bachelor of Social Science (Public Relations)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** n/a

In this course you will learn how to research audiences, develop suitable messages, implement communication programs and evaluate their success. You will gain a solid grounding in areas such as culture and diversity, society and organisations and social research, and learn that public relations can make a positive contribution to a fully functioning society through an advocacy role that helps to ensure a diversity of views in the marketplace of ideas. The major also provides a solid foundation in both the theory and practice of public relations.

### Career opportunities

Graduates can expect to build on and maintain positive relationships with the public by taking on roles such as community development officer, public policy adviser, public policy manager, university administrator, multimedia publisher, ethicist, industrial relations officer, human resource manager, speech writer or event manager.

### Professional recognition

The course is fully accredited by the Public Relations Institute of Australia (PRIA) and graduates are eligible to apply for membership.

## Social Science

### Bachelor of Social Science

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.40

This course introduces you to the study of individuals, groups and human societies and explores how social relationships and institutions shape individuals, and how they, in turn, have the capacity to shape these social institutions. You will develop a theoretical insight into your chosen discipline, enabling you to understand current developments in society and the workplace, and to adapt and respond appropriately to future developments as they occur, both nationally and internationally. You will undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. There is a range of co-majors and minors available, which add depth or breadth to your degree.

Depending on your major, you have the option of graduating with a Bachelor of Social Science or one of the following tagged degrees:

- Bachelor of Social Science (Community Health)
- Bachelor of Social Science (Politics and Public Policy)
- Bachelor of Social Science (Psychology)
- Bachelor of Social Science (Psychology and Forensic Psychology)
- Bachelor of Social Science (Sociology)

Swinburne also offers an honours (fourth) year for most of these tagged degrees.

#### Career opportunities

Depending on your major, employment may be found in the areas of policy analysis and development, social research, community development, administration and human services management, planning, welfare, human resources, media relations, public relations, communications research or marketing. With further studies, students with appropriate majors can obtain qualifications to become psychologists, librarians, teachers, personnel officers, social workers or sociologists.

#### Professional recognition

The three-year undergraduate major sequence in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology.

### Bachelor of Social Science

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 55.90

This course introduces you to the study of individuals, groups and human societies and explores how social relationships and institutions shape individuals, and how they, in turn, have the capacity to shape these social institutions. You will develop a theoretical insight into your chosen discipline, enabling you to understand current developments in society and the workplace, and to adapt and respond appropriately to future developments as they occur, both nationally and internationally. You will undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. There is a range of co-majors and minors available, which add depth or breadth to your degree.

Depending on your major, you have the option of graduating with a Bachelor of Social Science or one of the following tagged degrees:

- Bachelor of Social Science (Media Studies)
- Bachelor of Social Science (Psychology)
- Bachelor of Social Science (Public Relations)
- Bachelor of Social Science (Sociology)

See the individual entries in this guide for an overview of each tagged degree.

#### Career opportunities

Depending on your major, employment may be found in the areas of policy analysis and development, social research, community development, administration and human services management, planning, welfare, human resources, media relations, public relations, communications research or marketing. With further studies, students with appropriate majors can obtain qualifications to become psychologists, librarians, teachers, personnel officers, social workers or sociologists.

#### Professional recognition

The three-year undergraduate major sequence in psychology is accredited by the Australian Psychology Accreditation Council (APAC). Swinburne also offers an APAC-accredited honours (fourth) year in psychology at the Hawthorn campus. The public relations major is fully accredited by the Public Relations Institute of Australia (PRIA) and graduates are eligible to apply for membership.

## Social Science/Business

See the Bachelor of Business/Bachelor of Social Science entry on page 41.

## Sociology

### Bachelor of Arts (Sociology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.90

Sociology is the study of people in groups – from the family to whole societies. It investigates how individual and group behaviour shapes groups and society, and in turn, how behaviour is shaped by society and its institutions. Studying sociology will equip you with specialised knowledge of social processes and cultivate creative and critical thinking skills highly sought after by employers in the public, private and community sectors.

The sociology major develops a deep understanding of social and cultural issues, high-level communication and research skills, intellectual resourcefulness and the ability to adapt to new social and technological circumstances that is crucial in today's rapidly changing workplaces.

The sociology curriculum also emphasises research skills training, in particular research design and qualitative research methods. You will design and carry out original research, learning critical real-world project management, research design and report-writing skills.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Graduates may find careers in the government, private enterprise and non-profit sectors, in social research, administration, planning, policy development, welfare, community development, human resources, policy and program evaluation, marketing, market research, industry analysis, public relations and ethics.

### Bachelor of Social Science (Sociology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.90

Sociology is the study of people in groups – from the family to whole societies. It investigates how individual and group behaviour shapes groups and society, and in turn, how behaviour is shaped by society and its institutions. Studying sociology will equip you with specialised knowledge of social processes and cultivate creative and critical thinking skills highly sought after by employers in the public, private and community sectors.

The sociology major develops a deep understanding of social and cultural issues, high-level communication and research skills, intellectual resourcefulness and the ability to adapt to new social and technological circumstances that is crucial in today's rapidly changing workplaces.

The sociology curriculum also emphasises research skills training, in particular research design and qualitative research methods. You will design and carry out original research, learning critical real-world project management, research design and report-writing skills.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Graduates may find careers in the government, private enterprise and non-profit sectors, in social research, administration, planning, policy development, welfare, community development, human resources, policy and program evaluation, marketing, market research, industry analysis, public relations and ethics.

## Bachelor of Social Science (Sociology)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** n/a

Sociology is the study of people in groups – from the family to whole societies. It investigates how individual and group behaviour shapes groups and society, and in turn, how behaviour is shaped by society and its institutions. Studying sociology will equip you with specialised knowledge of social processes and cultivate creative and critical thinking skills highly sought after by employers in the public, private and community sectors. The sociology major develops a deep understanding of social and cultural issues, high-level communication and research skills, intellectual resourcefulness and the ability to adapt to new social and technological circumstances that is crucial in today's rapidly changing workplaces. The sociology curriculum also emphasises research skills training, in particular research design and qualitative research methods. You will design and carry out original research, learning critical real-world project management, research design and report-writing skills.

### Career opportunities

Graduates may find careers in the government, private enterprise and non-profit sectors, in social research, administration, planning, policy development, welfare, community development, human resources, policy and program evaluation, marketing, market research, industry analysis, public relations and ethics.

## Dean's Scholarship

### Dean's Scholarship – Lilydale

**Campus:** Lilydale

**Application:** Direct (all intakes) or VTAC (Semester 1).

**2011 Round 1 Clearly-In ATAR:** 89.90

Under this program, students may select a single or double degree at Lilydale and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Arts and Social Sciences Scholarship

**Campus:** Hawthorn, Lilydale

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent with a minimum ATAR of 97.00.

Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1). In addition, students must submit a supplementary application form to Swinburne.

**2011 Round 1 Clearly-In ATAR:** 97.45

Under this program, students may select a single or double degree in the arts and social sciences area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
 1300 275 794

## Aviation

**Advanced Diploma of Technology (Aviation)** incorporating a Diploma of Aviation (Instrument Flight Operations) and Certificate IV in Aviation (Commercial Pilot Aeroplane Licence)

**Campus:** Hawthorn and external venue (Moorabbin Airport)

**Duration:** Two years full-time

**Prerequisite:** Completion of Year 12 or equivalent. Successful applicants will be required to obtain a Class 1 medical certificate as required by the Civil Aviation Safety Authority.

**Application:** Direct (all intakes) or VTAC (February start), and interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

You will undertake commercial flying training. The course prepares you for the Private Pilots Licence (PPL), Commercial Pilots Licence (CPL) and the Air Transport Pilots Licence (ATPL).

### Fees

For further information on flying fees for this course, visit [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

### Career opportunities

Students are equipped for professional careers in general aviation as commercial aeroplane pilots – particularly with regional airlines.

## Bachelor of Aviation

**Campus:** Hawthorn and external venue (Moorabbin Airport)

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in Mathematical Methods (either).

**Application:** VTAC and direct (both are required); visit [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses) for more information. Applicants must also attend an interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

**2011 Round 1 Clearly-In ATAR:** RC

This course will equip you for a professional career as a commercial pilot. You will undertake commercial flying training at Oxford Aviation Academy, located at Moorabbin Airport, to obtain your Commercial Pilot Licence and single-engine command Instrument Rating. Additional elective flying qualifications are available. You will study the theory units required by CASA up to and including Air Transport Pilot Licence (ATPL) standard, as well as studies in aviation human factors, aviation management and aviation technology.

### Fees

In 2011 flying training fees are approximately \$79,798. FEE-HELP is available for domestic students who require assistance to pay their flying fees. Visit [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses) for more information.

### Career opportunities

You will be able to pursue a professional career as a commercial aeroplane pilot.

### Professional recognition

This course is designed to take you beyond the requirements for the Civil Aviation Safety Authority (CASA), Air Transport Pilot Licence (ATPL) theory examination and Commercial Pilot Licence (CPL(A)) practical test.

## Aviation/Commerce

### Bachelor of Aviation/Bachelor of Commerce

**Campus:** Hawthorn and external venue (Moorabbin Airport)

**Duration:** Four years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** VTAC and direct (both are required).

Applicants must also attend an interview.

Civil Aviation Safety Authority medical requirements and flying fees apply.

**2011 Round 1 Clearly-In ATAR:** RC

This course will equip you for a professional career as a commercial pilot while introducing you to the world of commerce, expanding your career opportunities. You will undertake commercial flying training at Oxford Aviation Academy to obtain your Commercial Pilot Licence and single-engine command Instrument Rating. Additional elective flying qualifications are also available. For your commerce degree, you can choose a major from the following areas: finance; entrepreneurship and innovation; human resource management; international business; management; or marketing.

### Fees

In 2011 flying training fees are approximately \$79,798. FEE-HELP is available for domestic students who require assistance to pay their flying fees. Visit [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses) for more information.

### Career opportunities

You will be able to pursue a professional career as a commercial aeroplane pilot, with the advantage of commerce studies to enhance your aviation knowledge and skills, giving you a competitive edge in the workforce.

### Professional recognition

This course is designed to take you beyond the requirements for the Civil Aviation Safety Authority (CASA), Air Transport Pilot Licence (ATPL) theory examination and Commercial Pilot Licence (CPL(A)) practical test. Professional recognition for commerce will differ depending on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Aviation Management

### Bachelor of Aviation (Management)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.60

Most careers in the aviation industry are in areas other than flight crew. If you wish to enter the aviation industry in a management role, this course is for you. You will gain a professional understanding of the aviation industry and its associated environment, and skills in organisational, regulatory, technical and business management.

#### Career opportunities

You may find employment in the areas of airline management, airline flight operations, airline ground operations, airport management, airport operations, airport planning, aviation consultancy firms, aviation charter firms, air services, aviation regulatory and safety services, and aviation safety authorities.

## Aviation Management/ Commerce

### Bachelor of Aviation (Management)/ Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.60

This course provides you with a sound professional understanding of the aviation industry and its associated environment. You will gain skills in organisational, regulatory, technical and business management as well as being introduced to the world of commerce, which will expand your career opportunities. You can choose a major from the following areas in commerce: finance; entrepreneurship and innovation; human resource management; international business; management; and marketing.

#### Career opportunities

You will be highly sought-after with a unique combination of aviation management and commerce skills. You may find employment in the areas of airline management, airline flight operations, airline ground operations, airport management, airport operations, airport planning, aviation consultancy firms, aviation charter firms, air services, aviation regulatory and safety services, aviation safety authorities, or in the area of your selected commerce major.

#### Professional recognition

Professional recognition will differ depending on your chosen commerce major; refer to the entry for Bachelor of Commerce on page 40.

## Honours

The Bachelor of Aviation (Honours) program is an additional year following the Bachelor of Aviation or Bachelor of Aviation (Management) degrees. It is designed to provide initial preparation for postgraduate study by research, with a focus on developing graduates' research abilities and communication skills.

Acceptance into the honours program requires completion of a degree with an aviation or aviation management major, from a recognised tertiary institution. A credit average or above in stage three units will be required.

### Cameron Gee

#### Bachelor of Aviation (Management)

"The Swinburne aviation program offers the benefit of gaining a Commercial Pilot Licence, while also broadening your horizons through gaining a degree in aviation management. The practical flying aspect was a welcome change from the classroom environment and proved to be quite challenging, though enjoyable.

I'm now employed by Qantas as a Second Officer. I have completed my training and will now start flying the A330s, doing international trips in the Asia-Pacific region. I thoroughly enjoy flying, but know that having the aviation management studies will open up many management positions in the future."





Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Accounting and Finance

### Advanced Diploma of Accounting incorporating a Diploma and Certificate III

**Campus:** Full-time – Hawthorn, Lilydale\*

\*Lilydale applicants may have to attend Hawthorn campus if there are insufficient enrolments at Lilydale.

**Part-time (evening) –** Hawthorn, Wantirna

**Note:** Some units may be offered online.

**Duration:** Eighteen months full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will enhance and refine your knowledge and skills in financial accounting, costing, taxation and financial management, as well as working with spreadsheets.

#### Career opportunities

Employment can be found in a variety of professional accounting positions.

#### Professional recognition

Graduates are eligible for membership of the National Institute of Accountants.

### Certificate III in Financial Services (Accounts Clerical)

**Campus:** Hawthorn, Lilydale\*, Wantirna\*

\*Lilydale and Wantirna applicants may have to attend Hawthorn campus if there are insufficient enrolments at Lilydale and Wantirna.

**Duration:** Six months full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct

You will receive practical training in basic manual and computerised accounting, computing and workplace communications, as well as skills in the preparation of basic BAS and IAS statements. You will also gain a general knowledge of the GST and other state taxes.

#### Career opportunities

You will develop skills for employment as an accounts receivable or accounts payable clerk, or basic bookkeeper.

### Bachelor of Business (Accounting)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 60.45

Accounting is the basic language of business. You will learn to use accounting systems to record and analyse business activities, use financial statements to guide investment decisions, and utilise information from cost accounting systems to make decisions, price products, develop operating strategies and evaluate business performance.

#### Career opportunities

An accounting degree can be your ticket to any position, anywhere in the vast, modern global market. You can find work in professional accounting practices and consultancies, funds management, general management or financial planning.

#### Professional recognition

Graduates may be eligible to apply for membership with the following professional organisations: CPA Australia (CPAA), the Institute of Chartered Accountants of Australia (ICAA), the Institute of Internal Auditors (IIA), the National Institute of Accountants (NIA), the Chartered Institute of Management Accountants (CIMA) and the Association of Chartered Certified Accountants (ACCA).

### Bachelor of Commerce (Accounting)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 66.55

More than just number crunching, accounting is the language of business. Those skilled in it are able to operate on a global stage: evaluating, analysing and communicating the financial position of an organisation or individual. Accountants inform key business decisions and those who are talented often progress to senior management or board positions.

#### Career opportunities

An accounting degree gives you the opportunity to work anywhere around the world. Whether you find work in professional accounting practices and consultancies, fund management, general management or financial planning, this degree is a great ticket to have.

#### Professional recognition

Graduates may be eligible to apply for membership with the following professional organisations: CPA Australia (CPAA), the Institute of Chartered Accountants of Australia (ICAA), the Institute of Internal Auditors (IIA), the National Institute of Accountants (NIA), the Chartered Institute of Management Accountants (CIMA) and the Association of Chartered Certified Accountants (ACCA).

### Bachelor of Commerce (Accounting and Finance)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.20

Accounting and finance share many common themes relating to the management of an individual's or business's wealth. Your studies will introduce the concepts of accounting, management, statistics, microeconomics, business law and information systems. You will be well equipped to enter the global, challenging and dynamic industries of accounting, banking and finance.

#### Career opportunities

This course prepares graduates for leading-edge positions in the accounting, investment and finance industries.

#### Professional recognition

Graduates may be eligible to apply for membership with the following professional organisations: CPA Australia (CPAA), the Institute of Chartered Accountants of Australia (ICAA), the National Institute of Accountants (NIA) and the Association of Chartered Certified Accountants (ACCA).



## Advertising

### Advanced Diploma of Advertising incorporating a Diploma and Certificate IV

**Campus:** Prahran

**Duration:** Eighteen months full-time

**Prerequisite:** Satisfactory completion Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will learn about generic business management and gain advertising-specific skills and knowledge. You will be taught advertising principles and practice, advertising communication and presentation techniques, concept development, production techniques, advertising research, marketing, compliance management, software applications and consumer behaviour.

#### Career opportunities

Possible occupations include advertising manager, account service executive, strategic planner, brand or product manager, copywriter/art director, market researcher and strategic planner.

#### Professional recognition

You may be admitted as a member of the Advertising Institute of Australia.

### Bachelor of Business (Advertising)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 59.90

Advertising drives growth for businesses of all types and sizes. This major focuses on the important role that advertising plays in the business environment, and how to be creative in making maximum use of advertising to assist in achieving organisational objectives. You will learn the necessary skills to enable you to create and deliver attention-grabbing advertisements and advertising campaigns.

#### Career opportunities

Advertising can lead to media-buying and campaign-planning roles in advertising, marketing and public relations agencies and in the sales, marketing or communication departments of large organisations.

## Bookkeeping

### Certificate IV in Financial Services (Bookkeeping)

**Campus:** Croydon, online

**Duration:** Six months part-time (workshops)

**Prerequisite:** Working knowledge of double-entry system and/or Certificate III in Financial Services (Accounts Clerical).

**Application:** Direct

This course builds on existing bookkeeping knowledge and skills and offers practical training in cash and accrual accounting, business communication, payroll, BAS and IAS statements and computing.

#### Career opportunities

This course prepares students for work as a professional contract bookkeeper or permanent paid bookkeeper, either under the direction of a tax agent/public accountant for a bookkeeping business or franchise, or for their own bookkeeping business.

## Business

### Bachelor of Business

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 55.20

This degree will prepare you for a career in the business profession, and will enhance skills highly valued by employers and important for personal development. You will undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. You can choose from a range of co-majors or minors that add depth or breadth to your degree. You have the option of graduating with a Bachelor of Business or one of the following tagged degrees:

- Bachelor of Business (Advertising)\*
- Bachelor of Business (Business Analysis)
- Bachelor of Business (Finance)
- Bachelor of Business (Human Resource Management)
- Bachelor of Business (Management)
- Bachelor of Business (Marketing)\*
- Bachelor of Business (Public Relations)
- Bachelor of Business (Tourism Management)\*

See the individual entries in this guide for an overview of each tagged degree.

*\* These majors are also available online*

#### Career opportunities

You could be employed or self-employed in a wide range of fields such as accounting, business analysis, commercial law, communications, entrepreneurship, event management, finance, human resources, international business, management, marketing, public relations or tourism. For opportunities relating to specific majors refer to the individual tagged degree entries.

#### Professional recognition

Depending on the specialisation selected, graduates may be eligible for membership to the following organisations: Australian Human Resources Institute (AHRI), Australian Institute of Banking and Finance, Financial Services Institute of Australasia, Australian Institute of Management (AIM), Australian Marketing Institute (AMI), Australian Market and Social Research Society (AMSRS), Public Relations Institute of Australia (PRIA) and Chartered Secretaries Australia.

## Business Administration

### Diploma of Business Administration incorporating Certificate IV

**Campus:** Hawthorn, Wantirna\*, online (Certificate IV only)

*\* Wantirna applicants may have to attend Hawthorn campus if there are insufficient enrolments at Wantirna.*

**Duration:** One year full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

After completing this course you will possess a sound theoretical knowledge base and possess a range of specialised, technical or managerial competencies that will allow you to plan, carry out and evaluate your own work or the work of a team.

#### Career opportunities

You will be equipped for work as an executive assistant, administrative supervisor or officer, or in senior administrative positions.

### Bachelor of Business Administration **New**

**Campus:** Hawthorn, Lilydale, Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** New

The Bachelor of Business Administration is an embedded degree that offers students the benefit of Swinburne's dual-sector experience. The program provides students with a unique combination of practical, vocationally oriented experience and a theoretical and conceptual understanding of how business operates (with a particular focus on business administration and management in small- to medium-sized enterprise).

On completing of the first year students will be awarded a diploma. To complete the degree in second and third year students will undertake complementary studies and can select from a range of specialisations.

Second and third years are at degree level and comprise complementary studies that will provide students with an understanding of how businesses operate, with a particular focus on business administration and management in small- to medium-sized enterprises.

#### Career opportunities

You will be equipped for work within a position of management in business administration.

## Business Analysis

### Bachelor of Business (Business Analysis)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** n/a

This course provides you with the knowledge and techniques required to identify business needs and determine solutions to business problems. You will enhance your abilities in understanding stakeholder needs, developing collaborative relationships, focusing on continuous improvement and managing change processes.

#### Career opportunities

Graduates may be eligible for careers in diverse areas such as business system design and management, online strategy, content management, sales, administration or online marketing. With relevant work experience, graduates may grow into management roles in these areas.

# Business, Commerce and Management

*continued*

Uni degree TAFE course

## Business/Communication

### Bachelor of Business/ Bachelor of Communication

**Campus:** Lilydale and Prahran (28 units at Lilydale, four units at Prahran)

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.80

This course will prepare you for a career in the business profession with the ability to take on the challenges of the dynamic communication sector. You will select a business major from: accounting, advertising, business analysis, business public relations, finance, human resource management, international business, management, marketing or tourism management.

You will also select a communication major from: advertising, communication, media communication or public relations. Please note that you cannot select the same major from both disciplines. By undertaking this double degree, you will be able to capitalise on opportunities in both the business and communication professions.

#### Career opportunities

The knowledge, skills and attributes you will develop are pertinent to a variety of contemporary careers in the private and public sectors, both locally and internationally. Refer to the entries for Bachelor of Business and Bachelor of Communication for specific career opportunities.

#### Professional recognition

Refer to the entries for Bachelor of Business and Bachelor of Communication on pages 39 and 29.

## Business Information Systems

See the Bachelor of Business Information Systems and Bachelor of Business Information Systems/Bachelor of Commerce entries on page 70.

## Business/Social Science

### Bachelor of Business/ Bachelor of Social Science

**Campus:** Lilydale

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 77.80

Through this course, you will learn how to gather, synthesise and assess information, conceptualise issues and express them effectively both orally and in writing within a business environment. You will be required to select a business major from: accounting, advertising, business analysis, business public relations, finance, human resource management, international business, management, marketing or tourism management. You will also select a social science major from: media studies, psychology, public relations and society or sociology.

#### Career opportunities

The wide scope of available specialisations within the double degree allows for a diverse range of career opportunities. You will be prepared for employment or self-employment in the rapidly changing cultural, technological and business environments. See the individual entries in this guide for further career opportunities of each degree.

#### Professional recognition

Refer to the entries for Bachelor of Business and Bachelor of Social Science on pages 39 and 34.

### Ngoc Tran

#### Bachelor of Commerce (Honours)

"Undertaking an honours year at Swinburne opened up my mind to new possibilities within both the academia and corporate worlds. It was a huge opportunity, one that allowed me to not only learn new skills relating to research and writing, but also to undertake a new and exciting experience. The interaction with staff and fellow students made my course a very enjoyable experience. Completing my honours year definitely put me one step ahead in the industry, and the end results have been extremely rewarding."



## Commerce

### Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.00

This degree gives you the opportunity to work in a broad range of roles within all business professions. You will undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. You can choose from a range of co-majors or minors that add depth or breadth to your degree. You have the option of graduating with a Bachelor of Commerce with one of the following specialisations:

- Accounting\*
- Accounting and Finance\*\*
- Commercial Law
- Entrepreneurship and Innovation
- Finance
- Human Resource Management
- International Business
- Italian
- Japanese
- Management
- Marketing

\* Students undertaking these majors may select a minor and two electives. For details visit [www.swinburne.edu.au/business](http://www.swinburne.edu.au/business)

\*\* This major has a prescribed structure.

For details visit [www.swinburne.edu.au/business](http://www.swinburne.edu.au/business)

#### Career opportunities

The opportunities for commerce graduates are endless. You could be employed or self-employed in a wide range of fields such as accounting, commercial law, communications, entrepreneurship, finance, human resources, international business, management or marketing. For opportunities relating to specific majors refer to the individual tagged degree entries.

#### Professional recognition

Depending on the specialisation selected, graduates may be eligible for membership to the following organisations: Australian Human Resources Institute (AHRI), CPA Australia (CPAA), Institute of Chartered Accountants in Australia (ICAA), Institute of Internal Auditors (IIA), National Institute of Accountants (NIA), Australian Institute of Banking and Finance, Financial Services Institute of Australasia, Australian Institute of Management (AIM), Australian Marketing Institute (AMI), Australian Market and Social Research Society (AMSRS) and Chartered Secretaries Australia.

#### Honours

A Bachelor of Commerce (Honours) is available to all graduates. An honours course enables students with demonstrated academic ability to pursue their undergraduate studies to an advanced level, deepen their intellectual understanding and develop their research skills. It is also a recognised point of entry into postgraduate research studies. The honours course requires an additional year of full-time study (or equivalent part-time) and consists of four units totalling 100 credit points:

- 25% research methodology and critical evaluation component
- 75% dissertation component

## Commerce – Italian

### Bachelor of Commerce (Italian)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.60

Italy is a modern, thriving and wealthy European country. It is industrially, economically and technically advanced, and is among the leading economic powers in the world. This vocationally oriented single degree is designed to equip students with the skills and knowledge to tackle business in, or in association with, Italy. It is designed to assist in the intellectual, social and personal development of students in preparation for a range of specialist and generalist business professions. Students are encouraged to consider study abroad options.

#### Career opportunities

Graduates of this degree enjoy opportunities wherever Italian is spoken, with particular advantages in organisations where there are either joint-country business ventures or offices located in Italy.

#### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

### Bachelor of Commerce/ Bachelor of Arts (Italian)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.60

This course offers you the opportunity to study a commerce degree and gain competency and fluency in the Italian language at the same time. You will also gain an understanding of modern Italian culture including its social, political, business and economic aspects. In addition to its academic and practical skills, the course opens up international study and work opportunities upon which to build networks within Italy and the rest of Europe. Students are encouraged to consider study abroad options.

#### Career opportunities

Graduates of this double degree enjoy opportunities wherever Italian is spoken, with particular advantages in organisations where there are either joint-country business ventures or offices located in Italy.

#### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

## Commerce – Japanese

### Bachelor of Commerce (Japanese)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.00

Japan is responsible for many of the technological advancements and iconic popular culture seen throughout the world today. This vocationally oriented single degree is designed to equip students with the skills and knowledge to tackle commerce in, or in association with, Japan. It is designed to assist in the intellectual, social and personal development of students in preparation for a range of specialist and generalist business professions. Students are encouraged to consider study abroad options.

#### Career opportunities

Graduates of this degree enjoy opportunities wherever Japanese is spoken, with particular advantages in organisations where there are either joint-country business ventures or offices located in Japan. Some of the areas students could find employment in are international business and trade, management, public relations, travel and tourism, social work and journalism.

#### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

### Bachelor of Commerce/ Bachelor of Arts (Japanese)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.00

Throughout this course you will simultaneously develop business acumen and Japanese language communication skills. You will gain an insight into Japanese culture and the distinct language and customs of doing business in Japan. The study of business with Japanese can open up myriad opportunities to work within, or in association with, Japanese organisations. Students are encouraged to consider study abroad options.

#### Career opportunities

You will be equipped to work within international business and trade, and management in organisations where there is a focus on Japan.

#### Professional recognition

Refer to the entry for the Bachelor of Commerce on page 40.

## Commercial Law

### Bachelor of Commerce (Commercial Law)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 73.00

There is increasing demand for business graduates with an expertise in commercial law. In this course you will gain legal problem-solving skills and the ability to assess the impact of law and regulation on an organisation. You will delve into the legal aspects of contracts, marketing, intellectual property, taxation and finance, and company law.

#### Career opportunities

You will be able to provide paralegal duties and can enjoy career opportunities in government departments or private entities such as accounting firms, banks, conveyancing companies, financial institutions and insolvency practices.

#### Professional recognition

Combining this degree with an accounting co-major may make you eligible to apply for membership with CPA Australia (CPAA), the Institute of Chartered Accountants of Australia (ICAA) the National Institute of Accountants (NIA) and the Association of Chartered Certified Accountants (ACCA). Please note that this degree does not allow graduates to practise as a barrister or solicitor.

## Conveyancing

### Diploma of Financial Services (Conveyancing)

**Campus:** Wantirna

**Duration:** One year part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This course is designed for those who wish to pursue a career as a conveyancer. Conveyancers undertake the work associated with the transfer of ownership of land and other related property transactions.

#### Career opportunities

You will be well-placed to pursue a career in conveyancing. You may also seek to attain a full conveyancing licence and operate your own conveyancing business or be employed as a fully licensed conveyancer, subject to fulfilment of work experience requirements outlined by the Business Licensing Authority.

# Business, Commerce and Management

continued

Uni degree TAFE course

## Entrepreneurship and Innovation

### Bachelor of Commerce (Entrepreneurship and Innovation)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 73.90

Entrepreneurship involves identifying an opportunity and using innovation to pursue that opportunity to create value and wealth. A strong demand for those with entrepreneurial skills exists within the corporate sector and among innovative and fast-growing organisations. This vocationally oriented degree is designed to help you recognise the difference between a business idea and a business opportunity. It will also develop your skills in thinking and planning strategically, evaluating opportunities and sourcing venture capital.

#### Career opportunities

You may find employment in the areas of business management, innovative business creation or consultancy, or as owner-operator of your own business.

#### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

## Finance

### Bachelor of Business (Finance)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** n/a

Discover the wide-reaching significance and power of finance in business, trade and government. You will delve into the worlds of financial and capital markets and explore influences on those markets, investment analysis, risk management and business investments.

#### Career opportunities

Graduates may find employment in international banking, broking, credit analysis, funds management, insurance, international finance, risk management, securities analysis, investment management, consumer finance, financial forecasting, treasury management, corporate finance, economic analysis, financial analysis or banking.

#### Professional recognition

Combining this degree with an accounting co-major may make you eligible for professional membership of institutions such as CPA Australia (CPAA); Financial Services Institute of Australasia (FINSIA); or the Securities & Derivatives Industry Association (SDIA).

### Bachelor of Commerce (Finance)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.45

Finance drives big business decisions. You will learn about the wide-reaching significance and power of finance in business, trade and government. You will delve into the worlds of financial and capital markets and explore influences on those markets, investment analysis, risk management and business investments.

#### Career opportunities

Graduates may find employment in international banking, broking, credit analysis, funds management, insurance, international finance, risk management, securities analysis, investment management, consumer finance, financial forecasting, treasury management, corporate finance, economic analysis, financial analysis or banking.

#### Professional recognition

Combining this degree with an accounting co-major may make you eligible for professional membership of institutions such as CPA Australia (CPAA); Financial Services Institute of Australasia (FINSIA); or the Securities & Derivatives Industry Association (SDIA).

## Frontline Management

### Certificate IV in Frontline Management

**Campus:** Hawthorn, Prahran\*, Wantirna, online, workplace

\* Prahran applicants may have to attend Hawthorn campus if there are insufficient enrolments at Prahran.

**Duration:** Six months full-time (Hawthorn, Prahran) or equivalent part-time (Wantirna or online)

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This qualification is suited to those who wish to develop skills and knowledge in supervising others, managing operations, building effective work teams and excellent customer service.

#### Career opportunities

Employment as a coordinator, supervisor or team leader in a large organisation or small business.

## Human Resources

### Diploma of Human Resources Management incorporating Certificate IV in Human Resources

**Campus:** Hawthorn, Lilydale\*, online (Certificate IV only), workplace

\* Lilydale applicants may have to attend Hawthorn campus if there are insufficient enrolments at Lilydale.

**Duration:** Certificate IV – six months full-time or equivalent part-time (Hawthorn only)

Diploma – One year full-time or equivalent part-time (Hawthorn only); fast-track option also available (six months part-time)

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Fast track option also available – 1 day per month

**Application:** Direct (all intakes) or VTAC (February start)

This is a practical, hands-on course that develops knowledge and professional practice for an exciting HR career. You will learn workforce planning strategies, HR systems and compliance issues, performance management systems and organisational culture and change from practising HR professionals.

#### Career opportunities

Employment in specific and generalist HR roles such as HR manager, HR consultant, HR adviser, HR project manager or HR coordinator, in an HR-related organisation or HR department.

#### Professional recognition

You may be eligible to register with the Australian Institute of Management (AIM).

### Diploma of Human Resources Management/ Diploma of Sustainability incorporating Certificate IV in Human Resources

**Campus:** Hawthorn, Lilydale\* and workplace

\* Lilydale applicants may have to attend Hawthorn campus if there are insufficient enrolments at Lilydale.

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This is a practical, hands-on course that develops knowledge and professional practice for an exciting HR career. You will learn workforce planning strategies, HR systems and compliance issues, performance management systems and organisational culture and change from practising HR professionals. You will also develop a working knowledge of sustainability principles and how to apply them in business, government and the community sector.

#### Career opportunities

Employment in specific and generalist HR roles such as HR manager, HR consultant, HR adviser, HR project manager or HR coordinator, in an HR-related organisation or HR department. Your knowledge of business sustainability principles to the HR environment will be an advantage.

#### Professional recognition

You will be eligible to register with the Australian Human Resources Institute (AHRI).

### Bachelor of Business (Human Resource Management)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 57.25

This course provides a broad understanding of core business functions and dynamics. You will learn how to manage and coordinate people to achieve strategic business objectives, by studying recruitment and selection, employee relations management, staff training, job evaluation, change management and OH&S.

#### Career opportunities

Graduates may seek employment in human resources, training management, recruitment, change management, quality coordination and customer service.

#### Professional recognition

This degree has been specifically designed for students seeking recognition by the Australian Human Resources Institute (AHRI).



## Bachelor of Commerce (Human Resource Management)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 67.10

You will learn how to manage and coordinate people to achieve strategic business objectives. Human resource management includes staff recruitment and selection, employee relations management, staff training, job evaluation, change management and OH&S.

### Career opportunities

Once you have completed your degree, you may seek employment in many areas including human resources, training management, recruitment, change management, quality coordination or customer service. Opportunities are available in nearly every business within every sector.

### Professional recognition

This degree has been specifically designed for students seeking recognition by the Australian Human Resources Institute (AHRI).

## International Business

### Advanced Diploma of International Business incorporating a Diploma and Certificate IV

**Campus:** Hawthorn, Wantirna

**Duration:** Eighteen months full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course focuses on the various strategies involved in moving into overseas markets and the methods used in engaging in overseas business. It offers you the opportunity to apply practical marketing and managerial skills to business and commercial enterprises.

### Career opportunities

Management positions in shipping, transport and public and private import/export organisations.

### Bachelor of Commerce (International Business)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 71.70

In this course you will discover the importance of culture, politics, trade and business policies, time zones, economic systems, currencies and business customs, and their effects on an organisation with international interests. It is a fulfilling career path for the diplomatic and globally minded with a love of travel. Students are encouraged to consider study abroad options.

### Career opportunities

This course will be your first step towards a career in international trade, finance, marketing, tourism, hospitality, government departments, multinational companies and financial institutions that seek to serve international clients.

### Professional recognition

Refer to the entries for Bachelor of Business and Bachelor of Commerce on pages 39 and 40.

## International Business/Italian

### Bachelor of Commerce (International Business)/Bachelor of Arts (Italian)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.60

This course explores the influences of culture, politics and economic systems within the context of international business. Through your study of Italian you will learn to communicate in the Italian language and gain knowledge of the modern history and business practices of Italy. Students are encouraged to consider study abroad options.

### Career opportunities

You can enjoy career opportunities generally in Europe, with particular advantages in organisations where there are either joint-country business ventures or offices located in Europe and Italy.

### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

## International Business/ Japanese

### Bachelor of Commerce (International Business)/Bachelor of Arts (Japanese)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.00

This course explores the influences of culture, politics and economic systems within the context of international business. Through your study of Japanese you will learn to communicate in Japanese and gain knowledge of the modern history and business practices of Japan. You will also gain an insight into Japanese culture and the distinct customs of doing business in Japan. Students are encouraged to consider study abroad options.

### Career opportunities

Graduates of this double degree enjoy opportunities wherever Japanese is spoken, with particular advantages in organisations where there are either joint-country business ventures or offices located in Japan.

### Professional recognition

Refer to the entry for Bachelor of Commerce on page 40.

## Legal Practice

### Advanced Diploma of Business (Legal Practice)

**Campus:** Hawthorn, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (Semester 1)

This course provides essential qualifications for you to work in the legal area without having to complete a law degree. You will develop sound principles, practices and knowledge including a broad overview of legal terminology and high-level skills to provide guidance and services to clients in a legal environment.

### Career opportunities

Employment may be found as a law clerk, legal secretary or in a paralegal position. See also 'Apprenticeships and Traineeships' on pages 81–87.

## Library/Information Services

### Diploma of Library/Information Services incorporating Certificate III

**Campus:** Prahran

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will be provided with the relevant skills and knowledge to work in a variety of technical and customer service positions in the library and information sector. You will be taught vital skills such as researching, cataloguing and collection management, as well as developing interpersonal and customer service attributes.

### Career opportunities

Employment can be found as library technician or library officer in a wide range of library types and other information agencies. See also 'Apprenticeships and Traineeships' on pages 81–87.

## Fast-track programs

Fast-track programs are available for many TAFE courses in the management, human resources, marketing, international business and project management fields. These programs are delivered as full-day courses (either one day per month, or for a few days in consecutive weeks), and offer the opportunity for industry clients to attend on campus and participate in an intensive program. Assessments are generally undertaken as part of your work and tasks are submitted at the subsequent session.

# Business, Commerce and Management

continued

Uni degree TAFE course

## Logistics

### Diploma of Logistics

New

**Campus:** Hawthorn

**Duration:** One year part-time

**Prerequisite:** Applicants must have a minimum of two years' full-time experience working in the transport and logistics industry, and/or a Certificate IV in Transport and Logistics (Road Transport) or a Certificate IV in Transport and Logistics (Warehousing and Storage)

**Application:** Direct

The Diploma of Logistics is a general qualification for the integrated management of logistics. This qualification is designed for those already working in logistics management who wish to update or increase their skills and those working in supervisory positions in logistics who wish to move into more senior positions.

The course is structured to cover five skill sets that reflect operational roles in the industry. The target markets are road transport, warehousing and aviation streams of the transport and logistics industry. Major study areas include logistics, contract management, planning, safety and the environment, supply chain and management.

This is a dual diploma course; on successful completion, students will also graduate with the Diploma of Management.

#### Career opportunities

Graduates are equipped for roles such as operations manager, distribution centre manager, logistics manager, transport manager or freight operations manager.

## Management

### Diploma of Management incorporating Certificate IV in Frontline Management

**Campus:** Hawthorn, Prahran\*, Wantirna and workplace  
*\* Prahran applicants may have to attend Hawthorn campus if there are insufficient enrolments at Prahran.*

**Duration:** One year full-time (Hawthorn, Prahran) or equivalent part-time (Prahran, Wantirna); fast-track option also available (six months part-time)

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Completion of Certificate IV or relevant work experience is recommended for entry into the diploma or fast-track option.

**Application:** Direct (all intakes) or VTAC (February start)

This is a practical, hands-on course which develops entrepreneurial and innovative approaches to managing people, managing finances, managing projects and continuous improvement and compliance.

#### Career opportunities

Employment in middle management positions in a range of companies in the private and public sectors.

#### Professional recognition

You may be eligible to register with the Australian Institute of Management (AIM).

### Bachelor of Business (Management)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 55.20

This course will teach you about the importance of managers within business, and show how key resources must be planned, monitored and controlled to best meet strategic business objectives. You will develop the skills to manage yourself, organise and lead others, make creative and well-informed decisions and evaluate current situations, while learning to be an ethical and socially responsible manager.

#### Career opportunities

Graduates skilled in management find employment in a wide and varied range of industries and positions such as administration, planning and design, quality assurance, customer service, project management, events management and change management.

#### Professional recognition

Graduates may be eligible for membership of Chartered Secretaries Australia and the Australian Institute of Management (AIM).

### Bachelor of Commerce (Management)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 72.00

Managers drive business forward. Learn the importance of managers within business and discover how key resources must be planned, monitored and controlled to best meet strategic business objectives. You will develop the skills to manage yourself, organise and lead others, make creative and well-informed decisions and evaluate current situations, while learning to be an ethical and socially responsible manager.

#### Career opportunities

Graduates skilled in management find employment in a wide and varied range of industries and positions such as administration, planning and design, quality assurance, customer service, project management, events management and change management.

Good management is in great demand internationally.

This course will provide you with the foundations to tap into a vast global market.

#### Professional recognition

Graduates may be eligible for membership of Chartered Secretaries Australia and the Australian Institute of Management (AIM).

## Management/Sustainability

### Diploma of Management/ Diploma of Sustainability incorporating Certificate IV in Frontline Management

**Campus:** Hawthorn, Prahran\*, Wantirna and Workplace

*\* Prahran applicants may have to attend Hawthorn campus if there are insufficient enrolments at Prahran.*

**Duration:** One year full-time (Hawthorn, Prahran) or equivalent part-time evening program (Prahran, Wantirna)

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will learn how to effectively manage people in the workplace and the importance of planning and monitoring a range of business functions. You will develop an innovative and entrepreneurial attitude to management, and you will be able to apply sustainability principles and policies to these areas of business.

#### Career opportunities

Employment in frontline and middle management positions in a range of companies in the private and public sectors.

#### Professional recognition

You may be eligible to register with the Australian Institute of Management (AIM).

## Marketing

### Diploma of Marketing

**Campus:** Hawthorn

**Duration:** One year part-time

**Prerequisite:** Mature age with three years' business or marketing industry experience.

**Application:** Direct

This course provides executive candidates with sound theory, knowledge and practice of marketing to enable them to progress their career prospects in sales and marketing management. This is a fast-track course for students with work experience in sales or marketing who have the energy, ambition and commitment to expand their careers.

#### Career opportunities

Graduates may advance to management positions in sales and marketing.

#### Professional recognition

Graduates are eligible for membership of the Australian Marketing Institute (AMI).

### Advanced Diploma of Marketing incorporating a Diploma and Certificate IV

**Campus:** Hawthorn, Prahran, Wantirna

**Duration:** Eighteen months full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will be introduced to marketing concepts, market segmentation and consumer behaviour while developing an understanding of law, networking, financial management and communications. Specialised areas of study include marketing management, strategic marketing, market research and advertising strategy.

#### Career opportunities

This course prepares students for roles such as marketing officer or market researcher, or in marketing and sales management.

#### Professional recognition

Graduates of the advanced diploma are eligible for membership of the Australian Marketing Institute (AMI).



## Bachelor of Business (Marketing)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 55.05

This course provides a thorough grounding in business principles specific to marketing. You will be taught the significance of marketing in the wider business context, and how business results are achieved through the development and endorsement of a customer focus. The program covers international marketing, communication, advertising, promotion, buyer behaviour, marketing planning and market research.

### Career opportunities

Graduates may find employment in services marketing, advertising, public relations, product/brand management, market research, direct marketing or international marketing.

### Professional recognition

Graduates may be eligible to become associates of the Australian Marketing Institute (AMI). This course also fulfils the educational requirements for recognition as a Certified Practising Marketer.

## Bachelor of Commerce (Marketing)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 66.35

You will be taught the significance of marketing in the wider business context, and how business results are improved through the development of a customer focus. You will also learn to adapt an integrated approach to your planning, which will get results. Areas of study include market research, buyer behaviour, marketing metrics, branding, marketing planning, advertising and promotion.

### Career opportunities

Graduates may find employment in services marketing, advertising, public relations, product/brand management, market research, direct marketing or international marketing.

### Professional recognition

Graduates may be eligible to become associates of the Australian Marketing Institute (AMI). This course also fulfils the educational requirements for recognition as a Certified Practising Marketer.

## Medical Administration

### Certificate III in Business Administration (Medical)

#### Medical Office Essentials Certificate

**Campus:** Wantirna

**Duration:** Six months part-time (each course)

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

These courses cover terminology of specialist medical areas, provide greater understanding and awareness of the national medical system and health insurance industry and develop advanced skills in producing documents relevant to the medical industry.

### Career opportunities

Employment as a receptionist, secretary or office administrator in medical specialist fields and hospitals. See also 'Apprenticeships and Traineeships' on pages 81–87.

## Project Management

### Certificate IV in Project Management

**Campus:** Hawthorn, Prahran, online, workplace

**Duration:** Six months part-time; fast-track option also available (three months part-time)

**Prerequisite:** Mature age applicants new to project management or working in a project support role.

**Application:** Direct

This course will provide you with the basic skills, theory and practice to enable you to perform as a project team member or team leader.

### Career opportunities

Project management is a career in its own right; in addition, many other occupations involve elements of project work. This course provides you with the skills and knowledge to manage projects in a structured and organised way as a project officer or project administrator. Your promotional prospects will be improved by having a project management qualification whatever your choice of career.

### Diploma of Project Management

**Campus:** Hawthorn, Prahran, Wantirna, online and workplace

**Duration:** One year part-time, six months online; fast-track option also available (three or six months part-time)

**Prerequisite:** Mature age applicants, preferably with at least two years' relevant employment experience.

**Application:** Direct

This course offers a practical, hands-on approach to learning with an emphasis on solving real business problems interwoven with theory and case studies on project management.

### Career opportunities

This course will enhance promotion prospects if you are already in a project management or project officer role, or set you up for a career in project management.

## Public Relations

### Advanced Diploma of Business (Public Relations) incorporating a Diploma

**Campus:** Prahran

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will learn about and develop skills in the areas of public relations, advertising, writing, information technology, marketing, research, fundraising, law, finance and government.

### Career opportunities

You may seek employment as a media officer, public relations event facilitator, community development officer, technical communicator, media information officer, public relations officer, publicity officer or website officer.

### Professional recognition

You will be eligible for admission to the Public Relations Institute of Australia (PRIA).

## Bachelor of Business (Public Relations)

**Campus:** Lilydale

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 55.80

Public relations (PR) focuses on protecting and advancing clients' reputations through effective communication and relationship-building. Your studies will focus on the importance of communication in reaching corporate objectives. You will understand how PR supports the implementation of strategic plans, communication planning and campaign development. Project units help you to be work-ready and capable of taking on the challenges of the dynamic professional communication sector.

### Career opportunities

Graduates may find work within event management, community development, public policy, digital media publishing, industrial relations, human resource management or speech writing.

### Professional recognition

The course is fully accredited by the Public Relations Institute of Australia (PRIA) and graduates are eligible to apply for membership.

### Lisa Bugg Bachelor of Business

"I chose to study at Swinburne because the Bachelor of Business course has a very broad range of career outcomes – which was great for me, as I could take time to find out which area of business really interested me. The Industry-Based Learning (IBL) program is another great opportunity that Swinburne offers. My IBL placement has helped me develop workplace skills in organisation, teamwork and communication. I expect that after finishing my placement and degree I will gain a great graduate position."



# Business, Commerce and Management

*continued*

Uni degree TAFE course

## Real Estate

### Course in Real Estate Agents' Representative

**Campus:** Croydon, Prahran, off-campus

**Duration:** Six weeks part-time or six days full-time

**Prerequisite:** Minimum 18 years of age and employed in the real estate industry.

**Application:** Direct

This course will introduce you to the real estate industry and its functions. Successful completion of this course is necessary to obtain employment by a licensed agent and work in sales or property management.

#### Career opportunities

Employment in real estate sales, property management or associated industries.

### Certificate IV in Property Services (Real Estate)

**Campus:** Croydon and off-campus

**Duration:** Twenty-one weeks (two evenings per week), or self-paced by distance

**Prerequisite:** Course in Real Estate Agents' Representative.

**Application:** Direct

This course will provide you with the educational knowledge and skills required to operate as a licensed estate agent. Blended delivery comprises distance learning and intensive classes at Croydon.

#### Career opportunities

Employment in real estate, operating as a licensed agent or employment in associated industries.

See also 'Apprenticeships and Traineeships' on pages 81–87.

#### Grant Perry

### Certificate IV in Property Services (Real Estate)

"I studied the Certificate IV in Property Services (Real Estate) at the Croydon campus, as the first step in setting up my own small business in real estate. The support and atmosphere in the classes was very positive and enjoyable. Not only did I gain a formal qualification, but I also obtained a high level of business knowledge that I hope will protect me from risks and be a cut above my competitors."



## Retail Management

### Advanced Diploma of Retail Management incorporating Certificate III in Retail, Certificate IV in Retail Management and Diploma of Retail Management

**Campus:** Prahran and online

**Duration:** Two years full-time (six months per course), or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Certificate III in Retail, Certificate IV in Retail Management and Diploma of Retail Management, or relevant industry experience, are needed to gain entry into the Advanced Diploma of Retail Management.

**Application:** VTAC (February start) or direct to Swinburne

The certificate and diploma courses will give you a comprehensive understanding of the management aspects of running a retail business including strategic planning, identifying and evaluating market opportunities, preparing and managing budgets, human resourcing and developing an e-business model.

The advanced diploma emphasises the practical applications involved in the management aspects of running a retail business. This course builds on the diploma level, with further studies in strategic planning, developing business plans and retail customer management.

#### Career opportunities

Management and executive positions in retail organisations including wholesalers, suppliers and franchise operations.

## Small Business Management

### Certificate IV in Small Business Management

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** One to two years part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

You will learn the factors and skills required to start or run a successful small business, and the associated legal, marketing and financial implications. The course is suitable for those planning to set up a small business, in the early stages of running a small business, ready to expand their business, a department manager in a large business or an employee in a small business.

#### Career opportunities

This course prepares students for opportunities in small business as an owner-operator or employee.

## Tourism Management

See the Bachelor of Business (Tourism and Hospitality Management) and the Bachelor of Business (Tourism Management) entries on page 69.

## Deans' Scholarships

### Dean's Commerce Scholars' Program

**Campus:** Hawthorn

**Prerequisite:** Minimum ATAR of 85.00

**Application:** Direct (all intakes) or VTAC (Semester 1)

Students accepted into the Dean's Commerce Scholars' Program may choose to enrol in any of Swinburne's commerce courses and receive an \$800 annual book allowance, up to \$1000 annually towards appropriate professional development or leadership programs and one-to-one mentoring. You'll also get to join the Dean's Scholars network.

### Dean's Scholarship – Lilydale

**Campus:** Lilydale

**Prerequisite:** Minimum ATAR of 88.00

**Application:** Direct or VTAC

Under this program, students may select a single or double degree at Lilydale and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Scholarship – Business and Commerce

**Campus:** Hawthorn, Lilydale

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent, with a minimum ATAR of 97.00.

Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1)

Under this program, students may select a single or double degree in the business and commerce area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Design

### Certificate IV in Design

**Campus:** Prahran, Wantirna

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

You will explore the historical and contextual basis for design and be introduced to the practical skills and aesthetic engagement required to work as a designer. Major study areas include design history, theory and processes, drawing for illustration, digital design, information design and communication design.

### Career opportunities

This course emphasises preparatory training in graphic design, enabling you to apply for further study. Pathways include:

- **Prahran students** – Successful completion of Certificate IV in Design (plus enhancement) with a credit average and no fails will ensure direct entry into the Bachelor of Design (Communication Design) with 100 cp exemptions from professional major, or – with addition of an interview – entry into the Bachelor of Design (Industrial Design), Bachelor of Design (Interior Design) and Bachelor of Design (Digital Media Design), with 50 cp exemptions from professional major and 50 cp exemptions from one minor.
- **Prahran and Wantirna students** – Successful completion of Certificate IV in Design (without enhancement) with a credit average and no fails will ensure direct entry into first year of Bachelor of Design (Communication Design), Bachelor of Design (Interior Design), Bachelor of Design (Industrial Design) or Bachelor of Design (Digital Media Design).

## Communication Design and Graphic Design

### Diploma of Graphic Design

**Campus:** Prahran, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Successful completion of Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

You will learn to create and execute design concepts efficiently and economically. You will be capable of using traditional media and computer technology to assemble 'camera-ready' and digital artwork with the use of graphic reproduction techniques. Web design and production is also covered in this course. Major study areas include: design, design theory, digital art and design, graphic arts, design process, drawing techniques, typography techniques, design theory practice, graphic pre-press, design concept, digital imaging and print processing.

### Career opportunities

You may find employment in advertising agencies, graphic design and finished art studios, publishing (newspaper and magazines), printers, or film and television production houses.

Students with a distinction average and no fails in the final year may apply for the Bachelor of Design (Communication Design) and receive an exemption of up to 16 units.

### Bachelor of Design (Communication Design)

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 75.10

This course aims to turn you into an imaginative thinker and an effective, well-informed designer. The strong technology base of this course is complemented by research and solid industry links. You will graduate with a portfolio that reflects diverse ideas, production skills and experiences, preparing you for the challenges of an exciting and evolving industry. Opportunities such as study tours and international exchange programs are also available to broaden your understanding of what design means internationally.

### Career opportunities

Employment may be found in design consultancy, advertising, infographics, publishing, merchandising, packaging design, communication strategy, education and research.

### Professional recognition

Graduates of the program are eligible for membership of the Australian Graphic Design Association (AGDA) and associate membership of the Design Institute of Australia (DIA).

### Julian De Bono

#### Diploma of Graphic Design

"Swinburne is a great place to study. It has a positive atmosphere and enthusiastic teachers who push you to develop as a designer, and as a person. The Diploma of Graphic Design has a strong focus on personal development, which I really enjoyed, and having hands-on assistance from the staff made learning the fundamentals of design easy. The course provided me with the technical skills I needed to move on to a degree course in design, which will give me the ability to enter into the design industry."



## Communication Design/ Business

### Bachelor of Design (Communication Design)/ Bachelor of Business

**Campus:** Design units: Prahran; business units: Lilydale; marketing units: Prahran or Lilydale

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.20

This course aims to provide you with the skills necessary to introduce elements of design into a large field of business-related studies and vice versa. You will explore the creative and practical skills of communication design while learning the principles of business and management. Choices for your business professional major include management, marketing and business public relations.

#### Career opportunities

Employment may be found in a broad range of contemporary design and business environments such as design or business consultancy, design management, advertising, publishing, education and design research, or in the area of your selected business major.

#### Professional recognition

Refer to the entries for Bachelor of Design (Communication Design) and Bachelor of Business on pages 47 and 39.

## Digital Media Design

### Bachelor of Design (Digital Media Design)

*This degree replaces the Bachelor of Design (Multimedia Design).*

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.45

In this course you will learn to bring together research, creative design thinking and industry-relevant technical skills for a range of digital media applications including web, interactive digital media, handheld mobile devices and digital film and television production. The opportunity to study time-based sequence design will provide you with expertise in animation, 3D modelling, digital video, audio media and communication design for electronic media.

#### Career opportunities

Graduates may find work in design consultancies, design management, advertising agencies, media and entertainment studios, music or corporate promotional video production, post-production studios, video games entertainment and website design/development.

#### Professional recognition

Graduates are eligible for membership of the Australian Graphic Design Association (AGDA), the Australasian Interactive Media Industry Association (AIMIA) and associate membership of the Design Institute of Australia (DIA).

## Digital Media Design/Business

### Bachelor of Design (Digital Media Design)/ Bachelor of Business

*This degree replaces the Bachelor of Design (Multimedia Design)/Bachelor of Business.*

**Campus:** Design units: Prahran; business units: Lilydale; marketing units: Prahran or Lilydale

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.20

This course aims to provide a broad range of skills necessary to introduce elements of design into a large field of business-related studies and vice versa. You will combine design thinking and digital media design skills with the principles of business and management. Choices for your business professional major include management, marketing and business public relations.

#### Career opportunities

Employment may be found in design or business consultancy, post-production studios, media and entertainment studios, advertising agencies, or in the area of your selected business major.

#### Professional recognition

Refer to the entries for Bachelor of Design (Digital Media Design), above, and Bachelor of Business on page 39.

## Honours programs: Industry Placement and Design Centre

High-achieving undergraduate students\* at the Faculty of Design may apply for entry into our renowned honours programs. We offer work experience programs through Industry Placement and our acclaimed Design Centre. The honours programs add a fourth year to three-year undergraduate courses, and are competitive programs equipping students with sought-after skills in industry practice, research and development. The honours programs also offer a pathway for students interested in an academic career and can fast-track students into the Swinburne design master or doctoral programs.

Industry Placement involves a paid 24- or 48-week placement in a professional design firm, a creative industries enterprise, a business setting or the design or media department of a public service organisation. Industry Placement is open to students studying a three-year bachelor degree in film or design.

Design Centre is a multidisciplinary centre that focuses on high-level training for the research and development of design innovations. Student teams in the Design Centre work in a professional setting to solve problems or to improve products and services for business, government and not-for-profit organisations. The Design Centre offers programs to students studying Communication Design, Digital Media Design (also known as Multimedia Design) and Industrial Design.

See [www.swinburne.edu.au/design/ip](http://www.swinburne.edu.au/design/ip) and [www.swinburne.edu.au/design/designcentre](http://www.swinburne.edu.au/design/designcentre) for more details.

*\* Students studying Product Design Engineering or the Bachelor of Design/Bachelor of Business double degree are not eligible for Industry Placement or Design Centre placement, and should alternatively consider the IBL program.*



## Film and Television

### Advanced Diploma of Screen and Media – Digital Film and Television stream incorporating a Diploma

**Campus:** Prahran

**Duration:** Two years full-time

**Prerequisite:** Entry to this course is post-VCE.

Successful completion of at least 12 months of an approved art, design or media course is preferable.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

This course provides you with 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. You will develop your productions within a broader cultural and theoretical context through undertaking research projects and studies in media theory. Major study areas include editing, lighting, management, production planning, production processes, recording/mixing processes, sound recording and production, television/studio production, media theory, pre-production, script writing, directing, film and television technology, TV studio production requirements, film practical, post-production, research project and screening production.

#### Career opportunities

You may find employment in the film and television industry or as an independent producer, director, editor or special effects developer.

Students who complete the course at a pass level may gain entry into the Bachelor of Film and Television with an exemption of up to 12 units. Students who complete the course with a distinction average and no fails in the final year may gain entry into the Bachelor of Film and Television with an exemption of up to 16 units.

### Bachelor of Film and Television

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1) 2011 Round 1 Clearly-In ATAR: 85.00

This course provides students with the essential creative skills, technical knowledge and theory to make high quality cinema, television and digital media productions. Students collaborate to make films through research, screenwriting, direction, project management and production skills such as cinematography and sound. Creative outcomes include narrative film, documentary, music video and television commercials. Further study opportunities to enhance filmmaking such as study tours and international exchange are available.

#### Career opportunities

You may wish to explore a career in cinematography, directing, script writing, or editing and sound, or documentary, television or film production, or in advertising, animation or video post-production or business roles within the film and television industry,

#### Professional recognition

Graduates are eligible for membership of the following industry bodies: Australian Screen Editors Guild, Screenservices Association of Victoria, Screen Producers Association of Australia, Australian Graphic Designers Association, Melbourne Art Directors Club and the Australian Cinematographers Society.

## Industrial Design

### Bachelor of Design (Industrial Design)

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1) 2011 Round 1 Clearly-In ATAR: 70.15

This course aims to develop your creative and technological aptitude through a user-centred design program supported by business studies, professional practice, consumer knowledge, sustainability and design ethics. You will explore materials and manufacturing techniques with a view to creating product concepts for the future, communicated using industry-standard software and workshop-based prototyping facilities.

#### Career opportunities

You may consider a career in product design, research and development for items such as electronic and consumer products, toys and games, furniture, transport and transportation systems, and sporting or medical equipment.

#### Professional recognition

Graduates are eligible for associate membership of the Design Institute of Australia (DIA).

## Industrial Design/Business

### Bachelor of Design (Industrial Design)/ Bachelor of Business

**Campus:** Design units: Prahran; business units: Lilydale; marketing units: Prahran or Lilydale

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1) 2011 Round 1 Clearly-In ATAR: 70.20

This course couples an industrial design focus on a broad range of mass-produced products and equipment with the principles of business and management.

The aim is to provide you with the skills necessary to introduce elements of design into a large field of business-related studies and vice versa. Choices for your business professional major include management, marketing and business public relations.

#### Career opportunities

Employment may be found in a broad range of contemporary design and business environments such as design or business consultancy, product design, research and development industries, electronic and consumer products, toys and games design, environmental design, manufacturing and associated industries or in the area of your selected business major.

#### Professional recognition

Refer to the entries for Bachelor of Design (Industrial Design), above, and Bachelor of Business on page 39.

## Interior Design

### Bachelor of Design (Interior Design)

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1) 2011 Round 1 Clearly-In ATAR: 66.05

Our world is rapidly changing and there is a continual need to revisit the way we create our cities, homes, retail environments and workplaces. During this course you will study how the environments in which we spend our lives are formed and fabricated. You will engage in a variety of small- and large-scale projects and learn how to capitalise on new technologies and materials in the construction of indoor and outdoor 3D spaces. Throughout this course, you will develop a broad repertoire of representation and visualisation skills using industry-standard software programs and more traditional forms such as manual drafting and freehand drawing.

#### Career opportunities

You may consider a career in an architectural or interior design practice, or as a self-employed designer. Opportunities may be found in design management, or in design of residential, commercial and government spaces, temporary spaces (such as trade shows and museum displays) or public spaces and environments.

#### Professional recognition

Graduates are eligible for associate membership of the Design Institute of Australia (DIA).

#### Samuel Johnson

#### Bachelor of Design (Interior Design)

"I chose Swinburne due to its reputation of having strong links to industry, which sets it apart from other universities. The breadth of studies means that we are always engaged with something new and worthwhile with a real-world focus. Swinburne is incredibly proactive in sourcing opportunities and helping you to seize them. I will soon be undertaking a six-month exchange to Helsinki, Finland, which is really exciting – I can't wait to experience Finnish design and culture. The course has really opened my eyes to the possibilities for a more sustainable engagement with the existing urban environment, and the responsibility we have as designers to achieve better outcomes for all."



## Interior Design/Business

### Bachelor of Design (Interior Design)/ Bachelor of Business

**Campus:** Design units: Prahran; business units: Lilydale; marketing units: Prahran or Lilydale

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.20

This course aims to provide a broad range of skills necessary to introduce elements of design into a large field of business-related studies and vice versa. You will combine design thinking and interior design skills with the principles of business and management. Choices for your business professional major include management, marketing and business public relations. The interior design stream looks at the humanistic elements of space and how the environments in which we spend our day-to-day existence are formed and fabricated. You will participate in a variety of small- and large-scale projects using your learnt design and business acumen.

#### Career opportunities

Employment may be found in architectural, interior design or business consultancy, as a self-employed designer, in design management or in the area of your selected business major.

#### Professional recognition

Refer to the entries for Bachelor of Design (Interior Design) and Bachelor of Business on pages 49 and 39.

## Product Design Engineering

See entry for Bachelor of Engineering (Product Design Engineering) on page 59.

## Visual Merchandising

### Diploma of Visual Merchandising

**Campus:** Prahran, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct.

Applicants may be required to attend an interview and present a folio of work.

Upon completion of this course you will have an understanding of the visual merchandising industry, including the principles and elements of display, the development and design of language for product presentation, the design and construction of props and working to an industry brief. Major study areas include: design, design theory, digital art and design, graphic arts, retail merchandising, visual merchandising, product presentation, retail illustration, exhibition design, history of design, demonstrate merchandising and category presentation and store design.

#### Career opportunities

You may find employment as a visual merchandiser in the areas of retail store visual merchandising or display departments, visual merchandising consultancy and supply companies, retail merchandising, photo styling, display production companies or exhibition design.

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Scholarship – Design

**Campus:** Prahran, Lilydale

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent, with a minimum ATAR of 97.00. Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1)

Under this program, students may select a single or double degree in the design or film and television area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).



## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

## Any questions?

1300 275 794

## Digital Media

### Certificate IV in Interactive Digital Media

**Campus:** Lilydale, Prahran

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. All applicants are required to present a folio at interview.

**Application:** VTAC and direct to Swinburne (both are required)

This course provides a comprehensive foundation in multimedia design and interactive multimedia. You are introduced to the skills necessary to initiate and develop an electronic media career path and work with digital technologies within the arts, screen design and media industries.

### Career opportunities

Entry-level employment across a range of industry sectors including multimedia design, web design, new media arts, 3D modelling, 2D and 3D animation, visual art studio practice and the screen arts industries.

### Bachelor of Arts (Digital Media)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 71.10

This course incorporates an all-inclusive approach to digital media production, emphasising practical skills and techniques including web development/programming, animation, digital video/audio, 3D modelling, DVD authoring and video game development. Students also learn the more theoretical areas of experience design, information architecture, multimedia technology and interactive narrative.

Swinburne also offers an honours (fourth) year for this program.

### Career opportunities

Graduates will be equipped for careers in web development, video production, 3D modelling, information architecture, CD/DVD production and multimedia project management.

### Professional recognition

Students and graduates will be eligible for membership of the Australasian Interactive Media Industry Association (AIMIA).

## Digital Media and Marketing

### Bachelor of Arts (Digital Media and Marketing)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 71.10

In this course you will develop comprehensive skills in the principles and practice of marketing along with the applied and creative aspects of digital media production. An emphasis on e-business and e-marketing is complemented by a thorough grounding in web development/programming, animation, digital video/audio and 3D modelling.

Swinburne also offers an honours (fourth) year for this program.

### Career opportunities

You will be equipped for careers in e-commerce, website development, multimedia project management, internet marketing, international marketing, consultancy, product/brand management, advertising and marketing research.

### Professional recognition

You will be eligible for membership of the Australasian Interactive Media Industry Association (AIMIA).

## Digital Media Design

### Bachelor of Design (Digital Media Design)

**Campus:** Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology.

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.45

In this course you will learn to bring together research, creative design thinking and industry-relevant technical skills for a range of digital media applications including web, interactive digital media, handheld mobile devices and digital film and television production. The opportunity to study time-based sequence design will provide you with expertise in animation, 3D modelling, digital video, audio media and communication design for electronic media. For information about the Faculty of Design's industry placement program, refer to page 48.

### Career opportunities

Graduates may find work in design consultancies, design management, advertising agencies, media and entertainment studios, music or corporate promotional video production, post-production studios, video games entertainment or website design/development.

### Professional recognition

Graduates are eligible for membership of the Australian Graphic Design Association (AGDA), the Australasian Interactive Media Industry Association (AIMIA) and associate membership of the Design Institute of Australia (DIA).

## Digital Media Design/Business

See entry for the Bachelor of Design (Digital Media Design)/Bachelor of Business on page 48.

## Film and Television

See entry for Advanced Diploma of Screen and Media – Digital Film and Television stream on page 49.

## Games and Interactivity

### Bachelor of Arts (Games and Interactivity)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 66.35

This course aims to produce highly skilled graduates capable of gaining employment in the growing computer games industry or the wider multimedia industry. Through a combination of media, multimedia and specialised games subjects, students gain an understanding of how games operate within society, while also developing a set of research and communications skills that are applicable across a range of industries.

You will be equipped with the practical and creative skills needed to work in the rapidly evolving games industry as well as the broader digital media sector (web, animation and digital video/audio). While this degree would be suitable for anyone with an interest in studying games as a social phenomenon, it is especially well suited to those seeking employment in the games industry who do not wish to become high-level programmers.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

You may find opportunities in interactive content creation, game design, interface design and rapid prototyping. You may also pursue a non-games career in the broader media, multimedia and communications sectors.

#### Professional recognition

You will be eligible for student membership of the Games Developers' Association of Australia (GDAA). Graduates working in the games industry will be eligible for membership of the International Games Developers' Association (IGDA) as well as the GDAA. You will also be eligible for membership of the Australasian Interactive Media Industry Association (AIMIA).

## Games and Interactivity/ Computer Science and Software Engineering

### Bachelor of Arts (Games and Interactivity)/ Bachelor of Science (Computer Science and Software Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and a study score of at least 25 in Mathematical Methods (either) or Specialist Mathematics.

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 67.70

This double degree aims to provide students with a broad range of multimedia production skills (web, animation and digital video/audio) combined with the extensive skills in software engineering and development required to develop games and interactive applications. The degree is designed to combine theoretical and practical knowledge through a range of teaching methods, and apply these to the development of 2D and 3D games. Students completing this degree will possess a highly desirable combination of multimedia and information technology skills, enabling them to find work in a variety of positions in the games industry as well as in the broader information and communications technology sector.

#### Career opportunities

You will be qualified to find employment in the multimedia, information technology and electronic games industries, particularly in the rapid prototyping of games and in C++ and Java programming. With your multimedia skills, expect to be in high demand as the media industry progressively shifts its delivery to the newer high-definition digital platforms.

#### Professional recognition

This course is accredited at the professional level with the Australian Computer Society (ACS), and has been externally vetted by ACS ensuring it meets the highest standards of the profession and industry. You will also be eligible for student membership of the Games Developers' Association of Australia (GDAA). Graduates working in the games industry will be eligible for membership of the International Games Developers' Association (IGDA) as well as the GDAA.

## Games Development

See Bachelor of Science (Games Development) entry on page 71.

### Alexander Bruce

#### Bachelor of Multimedia (Games and Interactivity)/Bachelor of Science (Computer Science and Software Engineering)

"I did my IBL year at Transmission Games, one of Australia's biggest games developers. I was part of an infrastructure team responsible for developing the tools that everyone at the company uses in their day-to-day work. After working there, I realised that if you're going to be doing something long-term, being good at it isn't enough. You really need to enjoy what you're doing."

After finishing his studies at Swinburne, Alexander was awarded Best Unsigned Game at the Game Developers' Association of Australia (GDAA) industry awards. His winning game, 'Hazard – the journey of life', was a solo project that he worked on over three years. He's currently striving to establish his career as an independent games developer.



## Interactive Digital Media

### Advanced Diploma of Screen and Media – Interactive Digital Media stream incorporating a Diploma

**Campus:** Prahran, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Satisfactory completion of at least 12 months of an approved art, design or media course is preferable. Applicants may be required to present a folio of work at interview.

**Application:** VTAC and direct to Swinburne (both are required)

This course aims to give students the broad-based skills and specialisations necessary for initiating and developing an electronic media career path, and to work with digital technologies within the arts, screen design and media industries.

#### Career opportunities

Employment may be found in the areas of multimedia design, interface design, web design, new media arts, art direction, film and video post-production, 3D modelling and 2D and 3D animation, visual art studio practice, graphic design and the screen arts industries.

Students who successfully complete this qualification (minimum pass level) may apply for the Bachelor of Design (Digital Media Design) and receive an exemption of up to 8 units.

#### Professional recognition

Graduates are eligible to apply for membership of the Australian Graphic Design Association.

## Multimedia

### Certificate II in Creative Industries (Media)

**Campus:** Lilydale

**Duration:** One year part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This course provides students with a basic foundation in multimedia design and interactive multimedia.

#### Career opportunities

Employment may be found in the areas of multimedia design, web design, new media arts, 2D animation, visual art studio practice and the screen arts industries. Graduates are also eligible to apply for the Certificate IV in Interactive Digital Media.

### Diploma of Information Technology (Multimedia) incorporating Certificate IV

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Eighteen months to two years full-time.

Students commencing in February will complete a two-year program incorporating the Certificate IV.

Students commencing mid-year will complete an 18-month program and will graduate with only the diploma.

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course has been developed with industry assistance to provide a broad range of skills required for entry into the IT and multimedia industries. The course includes units covering multimedia presentations, visual design, web design, web programming, database integration, 2D and 3D animation and multimedia project management. In the final semester, student groups complete a major project for clients.

#### Career opportunities

Entry-level positions in the IT, multimedia and web development industries with specialisation in multimedia programming, video and animation authoring and dynamic website development. On successful completion, students can also apply for higher education courses in IT and multimedia.

## Website Design

See Certificate IV in Information Technology (Websites) on page 73.

Tobias Willis

### Advanced Diploma of Screen and Media

"I chose to undertake a TAFE program because I felt the course offered a great range of opportunities to learn a variety of skills. I believe this course will make me a better, well-rounded candidate for industry work. Swinburne offers a lot more than other institutions and the staff are more helpful and welcoming."



Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Applied Mathematics

See the entry for Bachelor of Science on page 77.

## Associate Engineering

### Associate Degree in Engineering

**Campus:** Hawthorn

**Duration:** Two years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.15

This course is a broad-based point of entry into employment as an associate engineer and provides a pathway for graduates to move into an undergraduate engineering degree course. You will study engineering foundation studies of civil, mechanical and electrical engineering, together with engineering management and four vocational units.

### Career opportunities

There is currently a great demand for professional engineers in Australia and overseas. You may have the opportunity to work as an engineering associate in a dynamic and changing workforce. Alternatively, you may follow a pathway into a relevant Bachelor of Engineering degree with advanced standing.

### Professional recognition

Graduates will be eligible to apply for assessment by Engineers Australia for membership at Associate Level (Engineering Officer).

## Automotive

### Certificate III in Automotive Specialist

**Campus:** Wantirna

**Duration:** Thirty weeks part-time

**Prerequisite:** Successful completion of an automotive apprenticeship.

**Application:** Direct

This course is the minimum qualification required by automotive tradespeople seeking Automotive Alternative Fuels Registration Board (AAFRB) accreditation. You will learn about the installation, repair and servicing of automotive LPG systems and components.

### Career opportunities

Employment as an LPG gas installer/repairer or as a roadworthy certificate tester.

### Certificate IV in Automotive Technology

**Campus:** Wantirna

**Duration:** Two to three years part-time

**Prerequisite:** Successful completion of an automotive apprenticeship.

**Application:** Direct

This course includes advanced units for automotive tradespeople up-skilling in technologies such as induction systems, engine design and development, and vehicle handling and stability. If you have already completed an apprenticeship course, you will develop a higher level of ability in current vehicle technologies and systems. You will learn to diagnose complex system faults, inspect and repair forced induction systems, overhaul petrol fuel systems, carry out blueprinting of engine components, carry out vehicle safety/roadworthy inspections and develop and apply electronics systems modifications.

### Career opportunities

This course will provide graduates with enhanced employment opportunities in the automotive industry.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Diploma of Automotive Management

**Campus:** Wantirna

**Duration:** One year full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, mature age, or qualified tradespeople in the automotive industry.

**Application:** Direct

This course prepares you to be work-ready at management level in the automotive industry. It provides business management and administrative knowledge relevant to the industry.

### Career opportunities

You may work in para-professional positions in the automotive industry, such as workshop manager, service manager, parts manager or consultant/adviser. Graduates may proceed to management positions in the automotive sector, or alternatively progress to an advanced qualification in the business sector.

## Biomedical Engineering

### Bachelor of Engineering (Biomedical Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 72.55

Biomedical engineering is a rapidly emerging discipline designed to improve human health through interdisciplinary activities that integrate engineering with biomedical science and clinical practice. This course emphasises the application of electronics, electrical and systems engineering in medicine and biology, allowing you to explore the applications and challenges associated with biomedical engineering. You will become capable of creating new devices, instrumentation software and other technologies to advance biology and improve healthcare and the quality of life within communities.

### Career opportunities

With high demand for biomedical engineers and engineers with biological know-how, you can choose from a vast and exciting range of career options.

You may work in the growing biomedical areas of the public sector such as biomaterials, clinical engineering, medical electronics and medical imaging.

### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia, Australasian College of Physical Scientists and Engineers in Medicine.

## Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Biomedical Sciences)

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 80.50

You will have the opportunity to combine studies in electronics engineering, computer systems engineering, medical biophysics and physiology. Specialist electives give you the opportunity to integrate this knowledge and gain insight into specific applications including medical imaging, instrumentation and a variety of biological science units.

### Career opportunities

With biological know-how being in high demand, you can choose from a vast and exciting range of career options. This may range from developing products such as cardiac monitors and pacemakers through to optimising and modelling medical therapies and the development of intelligent software for medical diagnosis and treatment.

### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia, Australasian College of Physical Scientists and Engineers in Medicine.

## Building

### Certificate IV in Building and Construction (Building)

**Campus:** Croydon

**Duration:** Nine months full-time or two years part-time

**Prerequisite:** Mature age with industry experience, or undertaking an apprenticeship in the building industry.

**Application:** Direct

You will be taught the theory and practice related to residential building. This course meets the minimum requirements to apply for registration as a domestic builder.

### Career opportunities

Employment as a building practitioner, building works supervisor, estimator or foreperson.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Diploma of Building and Construction (Building)

**Campus:** Croydon

**Duration:** Eighteen months to two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, mature age, or qualified tradespeople and practising building supervisors. Applicants may be required to attend an interview.

**Application:** Direct (all intakes) or VTAC (February start)

This course covers building theory and practice related to residential, industrial and commercial building. You will develop specialist skills and knowledge in plan interpretation, drafting, quantities take-off, estimating, scheduling, construction technology, occupational health and safety (OH&S), site supervisor surveying, cost control and business management. You will also gain general skills in design, problem-solving, construction technology, full project documentation and project administration, including quality assurance.

### Career opportunities

Possible roles include building works supervisor, estimator, contract administration or builder. Graduates will develop specialist skills and knowledge in running a construction business.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Advanced Diploma of Building Design (Architectural)

**Campus:** Croydon

**Duration:** Two-and-a-half years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age, or qualified tradespeople and practising building designers.

**Application:** Direct (all intakes) or VTAC (February start)

This course covers building theory and practice related to residential, industrial and commercial buildings. You will gain specialist skills and knowledge in design, problem-solving, construction technology, full project documentation, computer-aided drafting (CAD) and project administration, including quality assurance. This course satisfies the licensing requirement to become a drafting practitioner.

### Career opportunities

Employment as an architectural technician or building designer.

## Civil Engineering

### Bachelor of Engineering (Civil Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 77.05

Civil engineers are concerned with the design, construction and improvement of our built environment. This degree provides you with the technical expertise and management skills needed to plan, design, construct and maintain facilities such as buildings, bridges, dams, water supply systems, waste treatment systems, road and rail networks, and air and sea ports. You will gain comprehensive engineering theory as well as hands-on practical work and real-life projects to get you job-ready.

### Career opportunities

There is high demand for civil engineers in Australia and overseas. You will be able to work within industries such as building, mining, transport, water, government and consultancy.

### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia.

## Civil Engineering/Commerce

### Bachelor of Engineering (Civil Engineering)/Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 77.05

This double degree will provide you with a solid understanding of civil engineering principles. It will equip you with multidisciplinary and entrepreneurial skills, allowing you to play leading roles in engineering corporations, or to develop your own civil engineering business ventures.

### Career opportunities

The unique combination of engineering and commerce skills gained through this course will provide you with an excellent opportunity for entry into a wide range of industries, including public authorities, municipalities, consulting firms and private consultancy firms. You will be able to work as a planner, designer, construction manager, administrator, investigation and research engineer or consultant.

### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. Professional recognition for commerce studies will depend on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Electrical

### Certificate IV in Electrical

**Campus:** Wantirna

**Duration:** Up to three years part-time

**Prerequisite:** Successful completion of Certificate III in Electrotechnology Electrician (see page 82) or other relevant engineering course. This certificate is also available for people in industries such as manufacturing and engineering, wishing to undertake training in specialised industrial automation fields.

**Application:** Direct

This course provides a post-trade development program for licensed electrical and other relevant workers who require additional skills to enable them to work on advanced electrical control systems. The program focuses on programmable logic controllers (PLCs). Major study areas include SCADA systems in manufacturing, electrotechnology and programming.

### Career opportunities

You may find work as a technician capable of performing a range of complex functions without direct supervision. You may also progress to further study; for example, a diploma in the electrical or electronics areas.



## Electrical continued

### Advanced Diploma of Electrical – Technology specialising in Industrial Automation and Control or Renewable Energy Power Supplies

**Campus:** Wantirna

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course provides students with the necessary skills and knowledge to evaluate, design, update and implement industrial automation systems or renewable energy systems to a technical and pre-degree level.

#### Specialisation 1 (Industrial Automation and Control):

You will learn about industrial automation and electrical process control systems including networks, programmable logic controllers (PLCs), supervisory control and data acquisition (SCADA), robotics, pneumatics, hydraulics, programming, project management, engineering (electrical generation), engineering (electrical), OH&S and business documentation.

#### Specialisation 2 (Renewable Energy Power Supplies):

You will learn about renewable energy systems including photovoltaics (solar panels), wind generation and hydroelectricity.

#### Career opportunities

**Specialisation 1:** Work as a technical officer who performs planning design supervision, project management and engineering liaison.

**Specialisation 2:** Working in the renewable energy sector designing, installing and maintaining renewable energy power supply systems.

## Electrical and Electronic Engineering

### Bachelor of Engineering (Electrical and Electronic Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.40

In this course you will gain an understanding of fields such as power system design, electronics, control systems, signal processing and embedded systems. You will be able to apply your skills and understanding in the design, construction, operation and maintenance of electronics and electrical energy infrastructure.

#### Career opportunities

You can take up a career as a design engineer, project planner, product designer or project manager in a wide spectrum of industries including automotive, robotics, aerospace, power systems, electronics, manufacturing and industrial research. Electrical and electronic engineers have contributed to the invention of a wide range of technologies, including MP3 players, GPS devices and electric power generation. Your future role could be inventing the next best device!

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia.

## Electrical and Electronic Engineering/Commerce

### Bachelor of Engineering (Electrical and Electronic Engineering)/ Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.40

You will gain an understanding of fields such as power system design, electronics, control systems, signal processing and embedded systems. You will be able to apply your skills and understanding in the design, construction, operation and maintenance of electronics and electrical energy infrastructure. Your commerce studies will give you a competitive edge in the workforce and expand your opportunities into future management roles.

#### Career opportunities

You will be a highly sought-after candidate with a unique combination of engineering and commerce skills to build your career in the areas of automotive, robotics, aerospace, power systems, electronics, manufacturing and industrial research. Possible roles include design engineer, project planner, product designer or project manager.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. Professional recognition for commerce studies will depend on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Electronics and Communications Engineering

### Certificate III in Electronics and Communications

New

**Campus:** Hawthorn

**Duration:** One year full time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This course gives students a broad background in electronics, with an emphasis on digital technology, gate array technologies and the application of microcontrollers, communications, programmable logic controllers (PLCs) and analogue electronics. Graduates will be able to commission, test, evaluate and diagnose faults in electronic systems and associated apparatus.

Students will learn how to design and develop electronics/computer system projects, use engineering applications software, modify/redesign electronics and communication systems, apply OH&S practices in the workplace, design printed circuit boards and solve electrotechnical problems.

On successful completion students will gain the following additional certificates: White Card, ACMA open registration Cabler's License and a Swinburne certificate which qualifies graduates to apply for a Disconnect-Reconnect license when working in the industry.

#### Career opportunities

You could gain employment in a technician position in the procurement, debugging or design fields, or as a servicing and maintenance engineer in industries such as mining, telecommunications, transport, entertainment or medical electronics. Graduates can also progress to second year of the Advanced Diploma of Electronics and Communications Engineering.

### Advanced Diploma of Electronics and Communications Engineering

**Campus:** Hawthorn

**Duration:** Two years full-time or equivalent part-time

**VCE Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent with passes in Units 1 and 2 or 3 and 4 in Mathematics (any).

**Application:** Direct (all intakes) or VTAC (February start)

This course will give you a broad background in electronics, with an emphasis on digital technology, gate array technologies and the application of microprocessor-controlled circuitry, communications and analogue electronics. Graduates will be able to provide technical leadership in the workplace and design, commission, test, evaluate and diagnose faults in advanced electronic systems and associated apparatus. You will learn how to design and develop electronics/computer system projects, use engineering applications software, modify/redesign electronics and communication systems, apply OH&S practices in the workplace, design printed circuit boards and solve electrotechnical problems.

#### Career opportunities

Graduates may work in para-professional position in the procurement, debugging or design fields, as a servicing and maintenance engineer in industries such as mining, telecommunications, transport, entertainment and medical electronics, as a technical officer/manager in public services and defence, as a technical consultant or as a hardware and software field service engineer.

## Electronics and Computer Systems

### Bachelor of Engineering (Electronics and Computer Systems)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 74.10

You will gain an understanding of how to use science, technology and problem-solving skills to design, construct, develop and maintain products, services and information systems. Dynamic high-technology areas are covered, including the overlapping fields of computer hardware and software, telecommunications, electronics and electrical systems, to prepare you for professions characterised by the growth of new technologies.

#### Career opportunities

You will be able to work in a diverse range of environments designing innovative products for industries such as automotive, aerospace, computer programming, defense, industrial and power electronics, manufacturing, medical imaging systems, power generation and robotics telecommunications.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia.

## Electronics and Computer Systems/Commerce

### Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 74.10

Your career choices are enhanced through the combined engineering and commerce studies. This double degree is designed to equip you with multidisciplinary and entrepreneurial skills, allowing you to play leading parts in engineering corporations or to develop your own business ventures in the fields of electronics and computer systems engineering.

#### Career opportunities

You can combine your engineering skills with commerce know-how to lead the way in designing innovative products for industries including automotive, aerospace, computer programming, defense, industrial and power electronics, manufacturing, medical imaging systems, power generation and robotics telecommunications. The additional commerce studies will open up opportunities into future management positions.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. Professional recognition for commerce studies will depend on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Electronics and Computer Systems/Computer Science and Software Engineering

### Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Computer Science and Software Engineering)

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 74.10

You will develop design expertise in electronics, computer systems and software engineering. You will be able to specialise in programming, artificial intelligence or database systems. The course cultivates logical and lateral thinking through practical workshops and industry-based projects, which leads to creation and innovation in the pursuit of solutions to engineering problems.

#### Career opportunities

You can enjoy a career in the automotive industry, consumer electronics design, telecommunications and medicine or any other field where the ability to cope with complexity in electronic design, computer systems and software development is an asset.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. The computer science and software engineering degree has been accredited at professional level by the Australian Computer Society (ACS).

## Engineering (Post Trade)

### Certificate IV in Engineering with streams in CNC Machining, Press Toolmaking and Maintenance Fluid Power

**Campus:** CNC Machining and Press Toolmaking – Hawthorn; Maintenance Fluid Power – Wantirna

**Duration:** Two years part-time

**Prerequisite:** Successful completion of a fitting and machining apprenticeship, or mechanically related trade, or Certificate III in Engineering.

**Application:** Direct

Those who have already completed an apprenticeship course will develop a higher skill level in their selected stream, which will enable them to enter more highly skilled positions of responsibility in manufacturing industries.

#### Career opportunities

Employment in the mechanical post-trade area equating to a C7 classification under the Metal Industry Award Restructure and Training program.

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Engineering Technology

### Advanced Diploma of Engineering Technology

with streams in Mechanical, Robotics and Mechatronics, and Civil Engineering

**Campus:** Hawthorn

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent with passes in Units 1 and 2 in Mathematics, or completion of a mechanical or fabrication trade certificate, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course will equip you with the knowledge and skills required for a career in manufacturing, mechanical engineering, design and civil engineering. The course also provides para-professional-level training for the mechanical and manufacturing industry, with a major emphasis on automation systems, as well as structural engineering applications. You can choose to specialise in robotics and mechatronics, mechanical or civil engineering.

#### Career opportunities

The Mechanical Engineering stream will allow you to work as a tool designer, drafting technician, production supervisor, production planner, production controller, estimator or plant and equipment sales technical officer. With the Robotics and Mechatronics stream you may work as a technician in any engineering industry with automation such as process control with robotics and mechatronics. Roles may include drafting technician, production supervisor, production planner, production controller or plant and control equipment sales technical officer. The Civil Engineering stream will enable you to manage projects and analyse, diagnose, design and execute judgements in the civil/structural field. Employment could be in construction engineering as technical support or as a technical officer with a water authority or local council.

#### Professional recognition

Graduates are eligible to apply for assessment by Engineers Australia for membership at Associate Level (Engineering Officer).

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Firefighting

### Certificate III in Public Safety (Firefighting and Emergency Operations)

### Certificate II/III in Public Safety (Firefighting Operations)

**Campus:** Lilydale

**Duration:** One to two years part-time

**Prerequisite:** Satisfactory completion of Victorian Year 10 or equivalent, or mature age. You will ideally be currently engaged in firefighting activities in the community or workplace.

**Application:** Direct

These courses will further your level of knowledge and skills in firefighting. You will require access to a suitable workplace environment, which includes a supportive workplace coach or mentor to supervise aspects of learning on the job.

#### Career opportunities

You may find employment in the firefighting industry. It is important to note that there is no direct employment offered upon completion of this course.

## Fire Protection

### Certificate II/III in Asset Maintenance (Fire Protection Equipment)

### Certificate IV in Asset Maintenance (Fire Safety Systems Inspection)

**Campus:** Croydon

**Duration:** One year part-time

**Prerequisite:** *Certificate III* – satisfactory completion of Victorian Year 10 or equivalent, or mature age. Mature age applicants, particularly those with experience in the fire protection industry, will be considered favourably. *Certificate IV* – *Certificate III* in Asset Maintenance (Fire Protection Equipment) or similar qualification, or demonstrated industry knowledge and skills.

**Application:** Direct

Certificate II is an entry-level fire equipment servicing course.

Certificate III is a supervisory-level course for fire equipment servicing technicians. It involves all aspects of extinguisher and associated equipment servicing and maintenance at a supervisory level.

Certificate IV provides entry-level training in auditing and inspection of structural fire safety systems. It provides the underpinning knowledge and skills to work in the fire safety systems inspection sector.

#### Career opportunities

Employment may be found as a service technician or fire safety system inspector within the fire protection industry.

## Fire Technology

### Diploma of Fire Technology

### Certificate IV in Fire Technology

**Campus:** Hawthorn

**Duration:** *Certificate IV* – one year full-time

*Diploma* – one year full-time (some units available part-time)

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. Successful completion of Certificate IV is a prerequisite for the diploma.

**Application:** Direct (all intakes) or VTAC (February start)

This course is designed to develop your technical skills and knowledge and to train practitioners and designers to work with engineers and related professionals in the development, commissioning, monitoring and assessment of fire protection systems for buildings practices.

#### Career opportunities

Employment as a practitioner in fire protection, essential services or fire systems design, or as a fire safety officer.

## Manufacturing

### Certificate III/IV in Competitive Manufacturing

**Campus:** Workplace

**Duration:** *Certificate III* – 340 hours part-time

*Certificate IV* – 480 hours part-time

**Prerequisite:** Applicants must be working in the manufacturing industry as a senior/skilled operator or a team leader/supervisor.

**Application:** Direct

Are you wishing to support or facilitate the development of lean thinking, values, behaviours, tools and techniques into your workplace? With this hands-on customised program you will learn how to engage and support yourself and employees in a continuous improvement culture in your business, enabling you to reduce costs, waste and lead times, and improve quality and customer service. Participants are encouraged to undertake this qualification as part of their day-to-day work.

#### Career opportunities

Employment as a team leader, supervisor, manufacturing operations supervisor or continuous improvement/lean agent.

### Diploma of Competitive Manufacturing

**Campus:** Workplace

**Duration:** 1000 hours part-time

**Prerequisite:** Applicants must be working in the manufacturing industry as a change agent.

**Application:** Direct

Are you responsible for developing or managing lean thinking, values, behaviours, tools and techniques within Australian manufacturing businesses as part of your work? With this customised program you will learn how to encourage and engage employees in continuous improvement, through developing systems and transferring lean principles and applying these to real-life business situations. The skills you learn will enable you to more successfully reduce costs, waste and lead times, and improve quality and customer service.

#### Career opportunities

Employment as a manufacturing operations manager or continuous improvement/lean specialist.

### Certificate III in Process Manufacturing

**Campus:** Workplace

**Duration:** approximately 670 hours part-time

**Prerequisite:** working in industry as advance production workers using a range of equipment and providing support functions to production. Those working as operators or support staff seeking career advancement may also apply.

**Application:** Direct

This is a customised hands-on program, aimed at supporting technical skill sets, health and safety initiatives and the rollout of lean thinking, values, behaviours, tools and techniques to your workplace. You will learn how to engage and participate in a continuous improvement culture through the adoption of lean principles, and recognise and gain knowledge or accreditation for job-required skills by applying these to real-life business situations. Participants are encouraged to undertake this qualification as part of their day-to-day work.

#### Career opportunities

Students who successfully complete this course will gain skills required to operate in their specific environment, work in teams, communicate and become empowered to contribute to improvement in a manufacturing enterprise, or continue to further study in preparation for supervisory roles.

### Diploma of Engineering – Technical specialising in Manufacturing

**Campus:** Workplace

**Duration:** Two years part-time

**Prerequisites:** Successful completion of Victorian Year 12 or equivalent and currently employed in the technical field.

**Application:** Direct

This course, together with on-the-job training, provides the educational and training needs required by the Metal and Engineering Industry Award for Mechanical Technicians. The course is part of an articulated course structure that allows people entering the metal industry to progress to the highest level with full recognition of studies undertaken at each stage – either on the job, within the TAFE sector or at industry training centres. You will have the opportunity to select your own program of study and acquire only the skills directly relevant to your work and interests.

#### Career opportunities

Graduates will have greater career opportunities due to the broad-based nature of the program. This course may lead to employment in the areas of design and drafting, including computer-aided drafting (CAD), or alternatively production planning including scheduling work, estimating, working with materials-handling systems, robotics, inspection, quality assurance and control, supplier evaluation, laboratory work, non-destructive testing and technical purchasing.

### Diploma of Manufacturing Technology specialising in Structural Steel Detailing

**Campus:** Hawthorn, workplace

**Duration:** One year full-time or equivalent part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct (all intakes) or VTAC (February start)

This qualification is designed to meet the specific needs of the structural steel detailing industry, which is a specialised branch of the architectural and structural engineering, building and fabrication industries. Major study areas of the course include design specification for structural steel detailing, welding processes, interpreting technical drawings and computer-aided drafting design.

#### Career opportunities

Upon successful completion you may find employment with steel fabricators, engineering firms, builders and design consultants or independent steel detailing companies.

## Mechanical Engineering

### Bachelor of Engineering (Mechanical Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 72.05

This degree deals with the design, manufacture and maintenance of machine components and systems from small domestic products to highly complex vehicle and aerospace systems. The course will take you beyond the classroom in your final years, and you will be involved with industry-based projects and practical workshops.

#### Career opportunities

Graduates can find employment in the areas of automotive, aerospace, transport, power or manufacturing engineering, materials processing, appliance production, mechanical building services, mining and raw-material conversion.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia.

## Mechanical Engineering/ Commerce

### Bachelor of Engineering (Mechanical Engineering)/Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 72.05

This course allows students to complement their mechanical engineering studies in design, manufacturing and maintenance with fundamental knowledge in the field of commerce.

#### Career opportunities

With a combination of engineering and commerce skills you will be ideally set up for a career with an advantage. You can find employment in engineering or commerce in the areas of automotive, aerospace, transport, power or manufacturing engineering, materials processing, appliance production, mechanical building services, mining and raw-material conversion.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. Professional recognition for commerce studies will depend on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Mechanical Trade

See 'Apprenticeships and Traineeships' on pages 81–87.

## Plumbing

### Certificate IV in Plumbing Services

**Campus:** Croydon

**Duration:** Two years full time

**Prerequisite:** Certificate III in Plumbing

**Application:** Direct

This course provides the necessary skills and knowledge for students to apply to the Plumbing Industry Commission for licenses to work in specialised sectors of plumbing. Major areas of study include planning, size and layout of plumbing systems, core business practices and regulatory compliance.

#### Career opportunities

Employment as a licensed plumber in areas of sanitary, drainage, roofing, mechanical services, gas fitting and water supply.

## Product Design Engineering

### Bachelor of Engineering (Product Design Engineering)

**Campus:** Hawthorn and Prahran (students study at both campuses)

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** VTAC and direct to Swinburne (both are required). Applicants may be required to attend an interview.

**2011 Round 1 Clearly-In ATAR:** RC

This course offers combined studies in industrial design and engineering, enabling students to gain a unique set of skills that is highly desirable in the workforce. It is a project-driven course that combines the disciplines of creative design with studies in engineering science, materials and manufacturing processes, and management of innovation. As a graduate, you will have the skills to design and develop competitive products in both quality and design for the Australian and international markets.

#### Career opportunities

You may work in either the engineering or industrial design fields. You may find employment in the design, development and manufacture of products for personal, household or industrial use. Your role may extend from design to project management, manufacturing supervision or research and development.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia and the Design Institute of Australia (DIA).

#### Matt Dwyer

### Bachelor of Engineering (Mechanical Engineering)

"Through Swinburne I had the opportunity to be a member of the Formula SAE racecar team, where we learned how to design and build a racecar that can go from 0 to 100 kilometres per hour in under four seconds, and then raced our car against teams from other universities around the world. I have found that learning is more 'hands on' and lecturers more approachable than at other universities I have attended."





## Renewable Energy Technology

### Certificate IV in Renewable Energy

**Campus:** Wantirna

**Duration:** Three years part-time

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct

This qualification teaches students how to select, install, commission, fault-find and maintain multiple renewable energy sources (such as photovoltaic solar panels, solar energised battery systems, wind energy conversions systems and micro-hydro systems) and equipment for control of energy use. Graduates will have the ability to connect various energy sources to the electrical grid system. The course also offers graduates an opportunity to explore accreditation for Clean Energy status with the Clean Energy Council. Major study areas include renewable energy technologies, solar design, wind energy, photovoltaic systems, grid connect and standalone renewable energy systems.

#### Career opportunities

Employment opportunities exist in engineering, sales, local government, system design, installation, gardening and building. Successful completion provides a pathway for Clean Energy Council (CEC) accreditation for stand-alone power supplies and grid connect design.

See also Advanced Diploma of Electrical – Technology (Renewable Energy Power Supply stream) and Certificate IV in Sustainable Energy and Resource Efficiency Technologies on pages 56 and 78.

## Robotics and Mechatronics

### Bachelor of Engineering (Robotics and Mechatronics)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.95

On completion of this course you will be able to integrate three traditional engineering disciplines: mechanical, electronics and software.

You can choose to focus your career on any one of these fields, or meet growing demand for multi-skilled graduates in the area of robotic and mechatronic systems, encompassing automated assembly plants to driverless vehicles.

#### Career opportunities

You will be able to work as a design engineer, project planner/manager or product designer in industries such as robotics, airlines, chemical, automotive, appliance manufacturing and industrial research.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia.

## Robotics and Mechatronics/Commerce

### Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.95

You will benefit from complementing your robotics and mechatronics knowledge with commerce studies. This double degree will equip you with multidisciplinary and entrepreneurship skills, allowing you to play leading roles in engineering corporations, or to develop your own robotics and mechatronics business ventures.

#### Career opportunities

A unique combination of engineering and commerce knowledge provides you with a competitive advantage in the workforce. You will be able to work as a design engineer, project planner/manager or product designer in industries such as robotics, airlines, chemical, automotive, appliance manufacturing and industrial research.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. Professional recognition for commerce studies will depend on your chosen major; refer to the entry for Bachelor of Commerce on page 40.

## Robotics and Mechatronics/Computer Science and Software Engineering

### Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Science (Computer Science and Software Engineering)

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 78.20

You will learn how to apply advanced computing techniques in the design and operation of robotic and mechatronic systems. You will also study mechanical engineering, electrical engineering and electronic and software engineering, learning about the design, development and control of diverse systems used in a range of industries including manufacturing, medicine and the service industries.

#### Career opportunities

You can pursue a career in areas of robotics, aerospace, chemical, defense, automotive and manufacturing, where complex software plays a major role, as well as in businesses that require extensive computer support, such as banking and commerce. Potential roles include design engineer, software engineer, project planner, product designer and project manager.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. The computer science and software engineering degree has been accredited at professional level by the Australian Computer Society (ACS).



Aaron Lewis

Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Science (Computer Science and Software Engineering)

"I chose Swinburne because it has a greater focus on the practical elements of course work, good access to facilities and teaching staff and industry contacts. Swinburne gave me a unique opportunity to develop critical thinking skills through practical application of academic content. My Industry-Based Learning (IBL) experience at Bosch gave me a valuable insight into the demands of the professional workplace."



## Telecommunication and Network Engineering

### Bachelor of Engineering (Telecommunication and Network Engineering)

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either) or Specialist Mathematics.

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.10

Telecommunication and network engineers design, implement and facilitate the communication infrastructure of today's businesses, ensuring information flow is not interrupted or slowed. Telecommunication engineers are capable of developing sophisticated systems such as cellular mobile communication networks, broadband multimedia computer networks and radio and television broadcasting systems.

The continued growth in internet and multimedia services is fuelling employment opportunities for telecommunications professionals. The national broadband network rollout, expected to be Australia's biggest infrastructure project, will provide even more employment opportunities in this new and challenging field.

This degree aims to produce graduates who have a professional understanding of the science and engineering principles underlying telecommunication and network engineering, and an ability to apply that knowledge. Students will also acquire a detailed understanding of appropriate engineering methods and techniques, and have competence in their application.

#### Career opportunities

Graduates may find challenging and lucrative employment in the ICT industry in a range of positions including in the design, installation and commissioning of telecommunications equipment, management of next-generation telecommunications systems, management and optimisation of telecommunications performance, network design and security, network analysis, telecommunications and network product management, marketing and senior sales management.

#### Professional recognition

Graduates are eligible to apply for graduate membership with Engineers Australia.

## Telecommunication and Network Engineering/Computer Science and Software Engineering

### Bachelor of Engineering (Telecommunication and Network Engineering)/Bachelor of Science (Computer Science and Software Engineering)

**Campus:** Hawthorn

**Duration:** Five years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and in Mathematical Methods (either) or Specialist Mathematics.

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 74.10

This double degree offers the most comprehensive combination of studies in computer hardware, telecommunications and software engineering, producing graduates that become highly regarded technical experts in their field.

Telecommunication and network engineers design, implement and facilitate the communication infrastructure of today's businesses, ensuring information flow is not interrupted or slowed. Telecommunication engineers are capable of developing sophisticated systems such as cellular mobile communication networks, broadband multimedia computer networks and radio and television broadcasting systems.

The continued growth in internet and multimedia services is fuelling employment opportunities for telecommunications professionals. The national broadband network rollout, expected to be Australia's biggest infrastructure project, will provide even more employment opportunities in this new and challenging field.

This degree aims to produce graduates who have a professional understanding of the science and engineering principles underlying telecommunication and network engineering, and an ability to apply that knowledge. Students will also acquire a detailed understanding of appropriate engineering methods and techniques, and have competence in their application.

#### Career opportunities

Graduates may find challenging and lucrative employment in the ICT industry in a range of positions including in the design, installation and commissioning of telecommunications equipment, management of next-generation telecommunications systems, management and optimisation of telecommunications performance, network design and security, network analysis, telecommunications and network product management, marketing and senior sales management.

#### Professional recognition

Graduates will be eligible to apply for graduate membership of Engineers Australia. The computer science and software engineering degree has been accredited at professional level by the Australian Computer Society (ACS).

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Scholarship – Engineering

**Campus:** Hawthorn

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, with a minimum ATAR of 97.00. Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1)

Under this program, students may select a single or double degree in the engineering area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Aged Care/Home and Community Care

### Certificate III in Aged Care/ Certificate III in Home and Community Care

**Campus:** Croydon

**Duration:** Six months part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This course is suitable for those who have an interest in personal care support in aged care services including residential and home care, working with people who have a disability or are in rehabilitation. Major study areas include orientation to the aged care industry, providing direct care support, dementia and palliative care.

#### Career opportunities

Employment as an aged care or personal care worker with older people and people with disabilities in both community and residential settings.

## Alcohol and Other Drugs Work

See the Certificate III, Certificate IV and Diploma of Community Services Work on pages 63 and 64.

## Biomedical Sciences

See the Bachelor of Science (Biomedical Sciences) on page 74.

## Children's Services

### Certificate III in Children's Services

**Campus:** Lilydale, Prahran

**Duration:** Six months full-time or one year part-time

**Prerequisite:** Demonstrated interest and suitability to work in the children's services field.

**Application:** Direct

You will be equipped with the skills and expertise for a challenging career with young children aged 0–6 years. You may choose from one of the following streams: general, bilingual, family day care, indigenous or traineeship.

#### Career opportunities

Employment in a range of children's services including long day care (0–6 years), occasional care (0–6 years) and family day care. From 2012 the Certificate III in Children's Services will be a minimum entry qualification for those seeking work in child care.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Diploma of Children's Services (Early childhood education and care)

**Campus:** Lilydale, Prahran

**Duration:** Eighteen months full-time or two years part-time. Industry-based one year part-time course is available for students working in the industry who already hold a Certificate III in Children's Services.

**Prerequisite:** There are several entry requirements; refer to [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

**Application:** VTAC and direct (both are required for full-time applications), or direct (part-time)

This qualification is for workers in children's services who are responsible for planning, implementing and managing programs in early childhood services, in accordance with licensing, accreditation and duty of care requirements. At this level, workers have responsibility for supervision of other staff and volunteers, and in most states it is the highest qualification required at director or service manager level for children's service centre-based care.

#### Career opportunities

Employment is generally found as a fully qualified professional in early childhood services where you are responsible for education and care for children under six years of age.

### Advanced Diploma of Children's Services

**Campus:** Lilydale, Prahran

**Duration:** One year part-time

**Prerequisite:** Successful completion of the Diploma of Children's Services or equivalent plus one to two years' experience, and working within a children's service.

**Application:** Direct

You will further your leadership and management skills in children's services where you already hold a position of responsibility. This course is also suitable for those working in the industry who wish to gain a position of responsibility.

#### Career opportunities

Possible positions include childcare centre director, team leader or field officer in family day care.

## Children's Services – Out of School Hours Care

### Diploma of Out of School Hours Care incorporating Certificate IV

**Campus:** Online, traineeship

**Duration:** *Certificate IV* – One year full-time  
*Diploma and Certificate IV* – Two years full-time

**Prerequisite:** There are several entry requirements; refer to [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

**Application:** Direct

You will gain the knowledge, understanding and practical skills to work with children and their families in OSHC programs. Graduates provide quality care for the social, emotional, physical, educational and recreational needs of school-age children (5–12 years).

#### Career opportunities

These qualifications prepare students for work providing before- and after-school care service and/or vacation care services. Certificate graduates are prepared for assisting in the running of such services and may be involved in the implementation of programs for school-age children. Diploma graduates are prepared for the responsibility of running such services, and may be involved in the planning, implementation and management of programs that address licensing, accreditation and duty of care requirements.

## Community Development

See the Certificate III, Certificate IV and Diploma of Community Services work, right and overleaf.

## Community Health

### Bachelor of Community Health

New

**Campus:** Hawthorn, Lilydale, Prahran

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** New

This innovative new three-year program is structured as an 'integrated' degree and provides an opportunity for students to receive a Diploma in Community Services Work while studying for a Bachelor of Community Health. The first year of the program comprises selected TAFE units to make up the Diploma of Community Services Work. Students will be awarded the diploma qualification upon successful completion of the first-year units. The second and third years of the program comprise higher education subjects to form a major in community health with a range of units that include community and public health, OH&S, public policy and planning, psychology and sociology. The focus of the program is the understanding or improving the health status of individuals and communities in different social settings.

#### Career opportunities

Graduates will be equipped for careers in community and public health promotion and planning, policy development, social research, risk management, health education and counselling.

### Bachelor of Social Science (Community Health)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** VTAC

**2011 Round 1 Clearly-In ATAR:** 67.95

In this course you will study public and environmental health, health ethics, policy, law and sociology. These areas all focus on understanding or improving the health status of individuals and communities in different settings. You can expect to gain an understanding of the risk-management aspects of maintaining good public and environmental health.

#### Career opportunities

Graduates are equipped for careers in community and public health promotion and planning, policy development, social and market research, risk management and health education.

## Community Sector Management

### Advanced Diploma of Community Sector Management

**Campus:** Croydon, off-campus, online

**Duration:** Two years part-time (flexible delivery)

**Prerequisite:** Applicants must demonstrate experience in a supervisory or higher level in the community services sector.

**Application:** Direct

This management stream qualification is relevant to people who are responsible for coordination and management of smaller organisations or of branches/departments of large organisations. These people work independently and report to executive management or boards of management. They undertake a range of functions requiring the application of knowledge and skills to achieve results in line with the organisation's goals and strategic direction.

Candidates complete 13 units – six compulsory and seven electives. The course is delivered via a blended delivery model which includes a seminar (one Saturday per month), one-to-one tutorials, online study and workplace assessment.

#### Career opportunities

Eligibility for positions in which a person undertakes a range of management tasks, including responsibility for the development and supervision of staff and for the implementation of organisational goals and strategies.

## Community Services Work

### Certificate II/III in Community Services Work

**Campus:** Croydon, Prahran

**Duration:** *Certificate II* – Three months full-time

*Certificate III* – Six months full-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

Certificate II may be used as a pathway qualification into community services work and may apply specifically to workers who provide a first point of contact in a crisis situation and referral to a broad range of services, or workers in residential facilities or community services under direct or regular supervision. Students can choose from a number of areas of specialisation.

Certificate III focuses on community work delivered through a broad range of services, providing support to individuals and groups. It is appropriate for those who have no prior experience in the community services sector. This qualification is available as a broad-based qualification or with a focus on either community services or community development work.

#### Career opportunities

Certificate II may provide an appropriate pathway into higher-level qualifications, such as those in aged care, disability or home and community care. Certificate III prepares students for employment as a support worker or case workers, or in a client contact position.

### Certificate IV in Community Services Work

**Campus:** Croydon, Prahran

**Duration:** Six months full time

**Prerequisite:** Certificate III in Community Services Work (credits apply), or currently employed in the community services sector.

**Application:** Direct

This qualification is suitable for workers in community-based organisations, residential rehabilitation services or outreach services who provide a range of services and interventions to clients, or who implement community education and interventions. The qualification provides students with the knowledge and skills to work autonomously under broad guidance, and provides training in appropriate intervention processes applied in residential and community settings.

Once they have completed 11 core units, students will choose from an area of specialisation which may include:

- Welfare
- Youth work
- Out of home care
- Disability work
- Community development
- Mental health
- Alcohol and other drugs work
- Social housing
- Humanitarian aid

The course includes a mix of delivery methods including face-to-face class time for two days of the week, online work, project work and industry experience.

#### Career opportunities

On completion of this qualification students will be able to design and deliver programs that enhance the wellbeing of individuals and groups.

## Community Services Work continued

### Diploma of Community Services Work

**Campus:** Croydon, Prahran

**Duration:** Eighteen months full-time

**Prerequisite:** Certificate IV in Community Services Work (credits apply), or one or more years' experience in a leadership role in the community services sector.

**Application:** Direct

Graduates will be equipped with the skills, knowledge and understanding to work in the community welfare sector in service delivery to clients. Graduates from this course provide a holistic approach to client needs including social, emotional, psychological and practical support.

To graduate from this program you will be required to successfully complete fieldwork placements, for which you will be required to obtain police checks.

Students will choose from an area of specialisation which may include:

- Youth work
- Residential and out of home care
- Disability
- Mental health
- Alcohol and other drugs work
- Welfare work
- Community development
- Humanitarian assistance

The course includes a mix of delivery methods including face-to-face class time for two days of the week, online work, project work and industry experience.

### Career opportunities

Employment may be found in a range of community service and welfare organisations including positions such as family support worker, group facilitator or coordinator, case worker or manager, pastoral care counsellor, client service assessor, community services worker, program coordinator or manager, community worker, senior youth officer, social welfare worker, family services coordinator, early intervention worker, humanitarian worker, welfare worker or outreach worker.

## Disability Work

### Certificate IV in Disability

**Campus:** Croydon and workplace

**Duration:** One year full-time

**Prerequisite:** Applicants must be working a minimum of 15 hours per week in the disability services industry and have the support of their employer/organisation. Applicants eligible for traineeship funding can undertake training in this model. If you are not currently employed in the disability sector but wish to enter that field, see the Certificate III and Certificate IV in Community Services Work, which include a disability specialisation that will give you entry and credit toward the Certificate IV in Disability Work.

**Application:** Direct

This course is designed for people to complete in their regular place of work and is based on an individualised training plan that combines online workplace assessment and identified group training.

### Career opportunities

Graduates may find work in community residential services, day program services, employment services, community settings or private homes, or undertake further study in community services.

### Advanced Diploma of Disability

**Campus:** Croydon

**Duration:** Two years part-time (flexible delivery)

**Prerequisite:** Applicants must have a Certificate IV in Disability or equivalent and either be working in a management position, or working towards one.

**Application:** Direct

This course provides training for those working at an advanced skills level to provide specialist services, act as a resource for other workers, coordinate programs, work with clients with complex needs or manage services.

### Career opportunities

Graduates may work in community residential services, adult support services, employment services and various community settings.

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Emergency Medical Service

### Certificate II in Emergency Medical Service First Response

**Campus:** Hawthorn and external venue (Melbourne city)

**Duration:** At least three weeks

**Prerequisites:** None

**Application:** Direct

This course provides training for those wishing to become an emergency medical responder (EMR). EMRs provide the first response care in line with Australian Resuscitation Council guidelines. They assess any dangers and control these in order to prevent additional injury to a patient. This course is especially suited for mine rescuers, firefighters, road rescuers, remote resort dive and tour operators and security personnel.

### Career opportunities

Employment as an EMR, or further studies (for example, Certificate III in Non-Emergency Client Transport).

## Fitness

### Certificate IV in Fitness

**Campus:** Hawthorn

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Year 12 or equivalent, or mature age. Preference will be given to applicants who can demonstrate fitness industry experience.

**Application:** Direct (all intakes) or VTAC (February start)

This is an accredited training program, ideal for those who wish to pursue a career in personal training services in the fitness industry.

### Career opportunities

You may find employment in the fitness industry as a fitness trainer or instructor.

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Health Assistance

### Certificate III in Allied Health Assistance

**Campus:** Croydon, workplace

**Duration:** Six months part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

Allied health assistants are exposed to a wide variety of employment opportunities, including assisting specialists in the public and private health systems in the specialised areas of physiotherapy, occupational therapy, podiatry, dietetics/nutrition and speech therapy. Major study areas are OH&S practices, transporting clients and patients safely, effective communication and maintaining a clean environment.

### Career opportunities

Possible roles within the health services environment include therapy assistant, physiotherapy assistant, occupational therapy assistant and allied health assistant.

### Certificate IV in Allied Health Assistance

**Campus:** Croydon, workplace

**Duration:** One year full-time

**Prerequisite:** There are seven prerequisite units for this course. Students can complete these concurrently with this certificate if they have not already completed them.

**Application:** Direct

In this course you will gain the skills to provide therapeutic and program-related support to allied health professionals. Students conduct related activities under the guidance of an allied health professional, and upon completion will be able to identify client circumstances that need additional input from the allied health professional. Major study areas include professional communication, legal issues, administration, healthy body systems, workplace safety, complex needs and sustainability. Allied health specialist streams are also available.

### Career opportunities

Employment across a variety of disciplines including physiotherapy, occupational therapy, speech therapy, podiatry, rehabilitation and dietetics within the public and private health systems.



### Certificate III in Health Service Assistance

**Campus:** Croydon, workplace

**Duration:** Six months part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This qualification is for students who aspire to work in an assisting role to health professional staff with the care of clients. Health services assistance involves the worker in direct client contact under supervision. Major study areas are OH&S practices, transporting clients and patients safely, effective communication and maintaining a clean environment.

#### Career opportunities

Possible roles within the health services environment include domestic service attendant or orderly in the health and community services sector, assisting in the provision of care for clients, patients and residents.

## Leisure and Health

### Diploma of Leisure and Health

#### Certificate IV in Leisure and Health

**Campus:** Croydon

**Duration:** Twelve months part-time for each qualification

**Prerequisite:** Certificate IV in Leisure and Health is a prerequisite for the diploma.

**Application:** Direct

These qualifications are for those who aspire to work in residential facilities or in community agencies under supervision within defined organisation guidelines. Students will learn to design, implement and evaluate health and leisure activities and programs for clients in one or more sector areas.

#### Career opportunities

Employment as diversional therapists or leisure and lifestyle coordinators in aged care facilities, day centres, rehabilitation services and acute care settings.

## Mental Health

See the Certificate III, Certificate IV and Diploma of Community Services work on pages 63 and 64.

## Nursing

### Diploma of Nursing (Enrolled/Division 2 Nursing)

**Campus:** Lilydale

**Duration:** Eighteen months full-time

**Prerequisite:** Applicants are required to obtain a police check and provide proof of immunisation records, and complete a supplementary pack and application form.

**Application:** Direct

This course gives essential skills and knowledge to work as an enrolled/division 2 registered nurse in a variety of health care settings. Students learn how to implement basic nursing care, assess clients' health and analyse health-related information. They also learn how to administer and monitor medication care for older clients, acute care clients and people with mental health conditions. Students develop effective communication skills and learn how to work within legal and ethical parameters in nursing. It also provides the opportunity to apply to undertake an undergraduate nursing course.

#### Transition course

A transition course in nursing is available to registered nurses who currently hold the Certificate IV in Health (Nursing) (2407ADC – post 1995) or Certificate IV in Nursing (Enrolled/Division 2 Nursing) (HLT43407). Credit transfers, Recognition of Prior Learning (RPL) and gap training are available. Major study areas include anatomy and physiology, nursing communication, medication delivery and nursing care related to field of practice.

#### Career opportunities

Employment opportunities in a range of health settings such as acute care, aged care, rehabilitation, palliative care and mental health, either within a hospital or community setting.

**Zohra Loni**

### Diploma of Nursing (Enrolled/Division 2 Nursing)

“Being accepted into Swinburne’s nursing course was my dream come true. The skills that I have learned from working in the laboratory – specifically teamwork, analytical skills and organisation – are very useful and I am going to take them with me to my new career.”



## Occupational Health and Safety

### Certificate IV in Occupational Health and Safety

**Campus:** Hawthorn and external venue (Melbourne city)  
**Duration:** Up to 12 months (flexible delivery)

**Prerequisites:** There are no formal prerequisites.

Applicants must have an appropriate level of literacy, a basic understanding of maths and science, and basic computer skills. They must also have access to a workplace for completion of assessment activities.

**Application:** Direct

This qualification provides students with well-developed skills and a broad knowledge base to apply OH&S principles in a wide variety of contexts. Students will learn to apply solutions to a defined range of unpredictable problems, and analyse and evaluate information from a variety of sources. They may provide leadership and guidance to others with some limited responsibility for the output of others.

#### Career opportunities

Employment as an OH&S coordinator or OH&S officer.

### Diploma of Occupational Health and Safety

**Campus:** Hawthorn and external venue (Melbourne city)  
**Duration:** Up to 12 months (flexible delivery)

**Prerequisite:** Certificate IV in Occupational Health and Safety, or current OH&S industry experience. Applicants must have an appropriate level of literacy, a basic understanding of maths and science, and basic computer skills. They must also have access to a workplace for completion of assessment activities.

**Application:** Direct

This course concerns the identification, assessment and control of conditions in the work environment that are harmful to the health and safety of people in all occupations. It covers the prevention of accidents, injuries and ill health and the rehabilitation of injured workers. You will study the functions of policy development, compensation and rehabilitation, and the OH&S Act and its regulations.

#### Career opportunities

Employment as an OH&S manager, OH&S practitioner or senior OH&S officer, or further study (for example, the Advanced Diploma of Occupational Health and Safety or the Diploma of Quality Auditing).

#### Professional recognition

Successful completion of the diploma may enable you to apply for membership of the Safety Institute of Australia.



## Occupational Health and Safety continued

### Advanced Diploma of Occupational Health and Safety

**Campus:** Hawthorn and external venue (Melbourne city)  
**Duration:** Up to 12 months (flexible delivery)  
**Prerequisite:** Diploma of Occupational Health and Safety or current OH&S industry experience. Applicants require a thorough understanding of OHS Risk Management (ISO 31000, 2009) and the Australian Standards for OHS Management Systems (AS/NZS 4801 and AS/NZS 4804). Applicants must have an appropriate level of literacy, a basic understanding of maths and science, and basic computer skills. They must also have access to a workplace for completion of assessment activities.  
**Application:** Direct

This course is designed to suit those in a specific OH&S role at a senior level. Study can be on or off-campus. The course reflects the role of individuals who analyse, design and execute judgements using wide-ranging technical, creative, conceptual or managerial competencies. Their knowledge base may be specialised or broad, and they are often accountable for group outcomes.

#### Career opportunities

Possible roles include OH&S manager, OH&S practitioner or senior OH&S officer.

## Out of Home Care/ Child Protection

See the Certificate III, Certificate IV and Diploma of Community Services work on pages 63 and 64.

## Parent Education Leadership Training

### Course in Parent Education Leadership Training

**Campus:** Prahran  
**Duration:** Twelve to 14 weeks part-time  
**Prerequisite:** A formal qualification in community and family support, health or education, or extensive experience working with children. Applicants are required to show maturity and understanding in working with people.  
**Application:** Direct

You will be given the necessary practical and theoretical training to lead parenting groups or provide services in parenting support and related areas.

#### Career opportunities

Employment opportunities exist as direct service provision workers in family support/parent program agencies.

## Public and Environmental Health

See the Bachelor of Health Science (Public and Environmental Health) on page 76.

## Quality Auditing

### Diploma of Quality Auditing

**Campus:** Hawthorn and external venue (Melbourne city)  
**Duration:** Six to 12 months part-time (blended delivery)  
**Prerequisites:** There are no formal prerequisites, however it is recommended that applicants have vocational experience in auditing and are familiar with ISO 9001:2008, ISO 19011:2003, AS/NZS 9004 and AS/NZS 4801. Applicants must have an appropriate level of literacy, a basic understanding of maths and science, and basic computer skills. They must also have access to a workplace for completion of assessment activities.  
**Application:** Direct

This course is ideal for people who wish to become peer auditors or to participate in external independent quality auditing. You will build a sound theoretical knowledge base and develop a range of specialised, technical or managerial competencies to plan, carry out and evaluate your own work and/or the work of a team. This course will help you to manage broad compliance requirements across numerous programs.

This course has a strong focus on occupational health and safety (OH&S) and is available as a dual diploma with the Diploma of Occupational Health and Safety (refer to page 65).

#### Career opportunities

This course will equip students for roles such as quality assurance manager, quality facilitator, quality and improvement consultant or service quality system support analyst.

#### Professional recognition

Graduates will be awarded four internationally recognised units from the Registrar Accreditation Board and Quality Society of Australasia International (RABQSA).

## Remedial Massage

### Diploma of Remedial Massage incorporating Certificate IV in Massage Therapy Practice

**Campus:** Croydon  
**Duration:** Certificate IV – six months full-time or one year part-time.  
Diploma – a further one year full-time or two years part-time.

**Prerequisite:** Preference will be given to applicants who have attended a short course of at least 10 hours' duration or who have mentoring experience with a professional therapist. Certificate IV in Massage Therapy Practice is a prerequisite for the diploma.

**Application:** Direct

Certificate IV gives students a thorough grounding in the science of the human body plus techniques of relaxation and sports, shiatsu and therapeutic massage. The diploma includes remedial massage techniques with particular emphasis on human anatomy, orthopedic assessment, diagnostic imaging, biomechanics and exercise, sports injury management and clinical placements.

#### Career opportunities

On completion of Certificate IV you are eligible to begin working as a massage therapist. On completion of the diploma you are eligible to begin working as a remedial massage therapist, to gain WorkCover registration and to treat clients seeking health fund rebates and those with injuries and soft tissue dysfunction.

#### Professional recognition

You will be eligible to apply for membership of the Australian Association of Massage Therapists.

## Sport Development and Recreation

### Diploma of Sport (Development)/ Diploma of Sport and Recreation incorporating Certificate IV

**Campus:** Hawthorn  
**Duration:** Two years full-time  
**Prerequisite:** Satisfactory completion of Year 12 or equivalent, or mature age. Preference will be given to applicants who can demonstrate sport or recreation experience.  
**Application:** Direct (all intakes) or VTAC (February start)

This course is designed for those who wish to pursue a career in sports administration, coaching, marketing, management, officiating or events management within the sports and recreation industry.

#### Career opportunities

Employment in the sports and recreation industry.

## Youth Work

See the Certificate III, Certificate IV and Diploma of Community Services work on pages 63 and 64.

# Horticulture and Environment

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Conservation and Land Management

### Certificate IV in Conservation and Land Management

**Campus:** Lilydale

**Duration:** Two years part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. It is strongly recommended that applicants have completed at least one VCE unit in chemistry, biology or mathematics.

**Application:** Direct

You will gain a broad knowledge of environmental science and develop management strategies for the sustainable use of our resources. You will obtain a thorough understanding of the use, maintenance, conservation and effective management of our natural resources including flora, fauna and water.

#### Career opportunities

Graduates can seek roles in forest, park and catchment management, ecotourism, environmental science research, revegetation and land rehabilitation, hydrography, irrigation and groundwater management and environmental education.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Diploma of Conservation and Land Management

**Campus:** Lilydale

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age. It is strongly recommended that applicants should have completed at least one VCE unit in chemistry, biology or mathematics.

**Application:** Direct (all intakes) or VTAC (February start)

You will gain a broad knowledge in environmental science and develop management strategies for the sustainable use of our resources. You will obtain a thorough understanding of the use, maintenance, conservation and effective management of our natural resources including flora, fauna and water.

#### Career opportunities

Graduates can seek roles in forest, park and catchment management, ecotourism, environmental science research, revegetation and land rehabilitation, hydrography, irrigation and groundwater management and environmental education.

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Conservation and Land Management/Sustainability

### Diploma of Conservation and Land Management/Diploma of Sustainability

**Campus:** Lilydale

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent, or mature age. It is strongly recommended that applicants should have completed at least one VCE unit in chemistry, biology or mathematics.

**Application:** Direct (all intakes) or VTAC (February start)

You will develop a broad knowledge of environmental science and specialise in the development of management strategies for the sustainable use of our resources. You will also be introduced to and explore the application of sustainability concepts. In particular, you will learn about production and consumption and the related impacts on society and the environment.

#### Career opportunities

Graduates can seek work in forest, park and catchment management, ecotourism, environmental science research, revegetation and land rehabilitation, hydrography, irrigation and groundwater management or environmental education.

## Horticulture

### Diploma of Horticulture

**Campus:** Wantirna

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course is ideal if you have a demonstrated commitment to horticulture and wish to pursue a career within the nursery, landscape, parks and gardens, turf, arboriculture or floriculture industries. You will learn about plant nutrition, plant health, propagation and recognition of plants, landscape design, products and services, as well as business management and administration.

#### Career opportunities

Employment in the horticulture industry at a technical, supervisory or managerial level.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Diploma of Sustainable Landscape Design

**Campus:** Hawthorn, online (some classes at Wantirna)

**Duration:** Two years part-time

**Prerequisite:** Candidates are expected to have basic computer skills, and demonstrated capacity in literacy, numeracy and interpersonal communication skills.

**Application:** Direct

Students will be taught best practice in landscape design and sustainable landscaping. You will learn that, as a landscape designer, your role is to create landscapes that facilitate positive social interactions, benefit the environment, and are economically viable. These designs will be following the first principle of sustainability: to meet the needs of the present without compromising those of future generations.

#### Career opportunities

You may find employment as a landscape designer, sustainability consultant, project manager implementing sustainable practice or sales consultant for sustainable landscape products.

#### Professional recognition

You will be eligible to apply for membership of the Australian Institute of Horticulture and industry associations.

## Horticulture and Sustainability

### Diploma of Horticulture/Diploma of Sustainability

**Campus:** Wantirna

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will receive education and practical training to graduate as a horticulture industry professional with an understanding of sustainable development. Sustainability is an important issue for all organisations due to the impact they have on people and the environment in which they operate.

#### Career opportunities

Employment in a technical, supervisory or management role in the horticultural industry, or further study. Many organisations are now seeking graduates from traditional fields who also have an understanding of sustainable development.

#### Professional recognition

You will be eligible to apply for membership of the Australian Institute of Horticulture and industry associations.

## Viticulture

### Diploma of Production Horticulture specialising in Viticulture, incorporating Certificate IV

**Campus:** Lilydale

**Duration:** Three to four years part-time

**Prerequisite:** Applicants must demonstrate experience, commitment or current employment in the wine industry.

**Application:** Direct

You will develop the skills and abilities appropriate to meet the needs of the viticulture industry. An introduction to wine analysis, evaluation and production is included.

#### Career opportunities

Graduates may seek self-employment as a vineyard supervisor or employment in a technical or supervisory role in the wine industry.

#### Professional recognition

You will be eligible to apply for membership of the Australian Society of Viticulture and Oenology and industry associations.

See also 'Apprenticeships and Traineeships' on pages 81–87.

# Hospitality, Tourism and Event Management

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
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## Commercial Cookery

### Certificate III in Hospitality (Commercial Cookery)

**Campus:** Lilydale, Prahran

**Duration:** One year full-time or three years part-time (apprenticeship)

**Prerequisite:** Satisfactory completion of Victorian Year 10/11 or equivalent, or mature age.

**Application:** Direct

This course provides you with the skills and expertise to become a fully qualified cook. You will learn supervisory skills to allow you to provide technical advice and support to a team.

#### Career opportunities

Qualified cook in a restaurant, hotel, club, pub, café or cafeteria.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Certificate IV in Hospitality (Commercial Cookery)

**Campus:** Lilydale, Prahran

**Duration:** Eighteen months full-time or three years part-time

**Prerequisite:** Satisfactory completion of Victorian Year 10/11 or equivalent, or mature age.

**Application:** Direct

This qualification provides the skills and knowledge for students to become competent as a qualified chef or cook in a supervisory or team-leading role in the kitchen.

#### Career opportunities

Qualified cook in a restaurant, hotel, club, pub, café, cafeteria or coffee shop.

See also 'Apprenticeships and Traineeships' on pages 81–87.

## Event Management

### Advanced Diploma of Events incorporating a Diploma and Certificate III

**Campus:** Lilydale, Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will develop competency in wide-ranging, highly specialised technical event management skills with a strategic research, planning and communication focus. Event organisation and management takes place across the full spectrum of business and community activity.

This qualification has particular relevance in the community, cultural, hospitality, sporting and tourism sectors.

#### Career opportunities

Employment may be found in exhibition and event management companies, sporting associations, community organisations, or in hospitality or cultural venues.

## Event Management/ Sustainability

### Advanced Diploma of Events/ Diploma of Sustainability incorporating a Diploma and Certificate III

**Campus:** Lilydale, Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will gain knowledge and skills in sustainable event management practices. The course has a strong focus on experiential learning activities in major events, festivals, exhibitions and conferences. You will be introduced to sustainability concepts and explore issues of developments and the impact they have on people and the natural environment.

#### Career opportunities

Employers are recognising the business benefits of operating in ways that deliver positive outcomes for people and the environment. Opportunities exist in roles that combine the application of sustainability concepts with meeting and conference administration, registration or supervision, onsite event management or function coordination.

## Hospitality

### Certificate III in Hospitality/ Certificate II in Hospitality (Kitchen Operations)

**Campus:** Lilydale, Prahran

**Duration:** Six months (18 weeks) full-time

**Prerequisite:** Satisfactory completion of Victorian Year 10/11 or equivalent, or mature age.

**Application:** Direct

This qualification provides the skills for students to be competent to work in various hospitality settings such as restaurants, hotels, motels, clubs, pubs and cafés. Whether you prefer a career in front-of-house (waiting) or in cookery, this course will equip you with solid fundamental skills.

#### Career opportunities

Entry-level positions in the hospitality industry such as waiter, bar attendant, barista, kitchen assistant or short order or preparation cook.

## Hospitality/Event Management

### Advanced Diploma of Hospitality/ Diploma of Events incorporating Certificate IV

**Campus:** Lilydale, Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course will provide you with a broad understanding of the hospitality industry, with particular emphasis on the roles of managers and supervisors. You will gain practical experience in food and beverage service, basic cookery and event/conference management. Industry relevance is provided with guest speakers and visits to top hospitality establishments.

#### Career opportunities

Employment in hospitality operations at a management level, or further study at degree level.

See also 'Apprenticeships and Traineeships' on pages 81–87.

### Michael Bascetta Advanced Diploma of Hospitality/ Diploma of Events

"I liked the hands-on learning environment that Swinburne's training restaurant provided, and the problem-solving tasks in the majority of the units. I have learned how to write a business plan and how to manage a restaurant. Swinburne not only offers a place to study, but also a place to grow as an individual."



## Hospitality/Sustainability

### Advanced Diploma of Hospitality/ Diploma of Sustainability incorporating a Diploma of Hospitality

**Campus:** Lilydale, Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC and direct (both are required)

You will develop knowledge and skills in sustainable hospitality management. This course has a strong focus on front- and back-of-house hospitality operations and management. You will be introduced to sustainability concepts and explore issues of developments and the impact they have on people and the natural environment.

#### Career opportunities

Employers are recognising the business benefits of operating in ways that deliver positive outcomes for people and the environment. Opportunities exist in roles that combine the application of sustainability concepts in hospitality operations.

## Tourism

### Advanced Diploma of Tourism incorporating Certificate III in Tourism (Guiding)

**Campus:** Lilydale, Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

You will be competent in wide-ranging, highly specialised technical tourism skills covering operations, sales, marketing, product development, business planning and human resource and financial management. These strategic management skills are underpinned by a range of operational competencies, chosen as electives.

#### Career opportunities

Possible roles within tourism include senior manager, general manager or owner-operator of any style of tourism business, attractions manager, operations consultant, tour coordinator, specialist guide, event manager or function coordinator.

## Tourism and Hospitality Management

### Bachelor of Business (Tourism and Hospitality Management)

**Campus:** Lilydale

**Duration:** Eighteen months full-time or equivalent part-time

**Prerequisite:** Successful completion of an Advanced Diploma of Hospitality Management or equivalent.

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 55.20

This course is specifically designed to be undertaken by students who have already completed an Advanced Diploma of Hospitality Management or equivalent. Building on the foundation of a strong hospitality management theme, this course focuses on the development of knowledge and skill in the areas of both tourism and management. You will develop the skills, attitudes and confidence required for management roles within the tourism and hospitality industries.

#### Career opportunities

You may find employment in the hospitality industry, resorts, tourist attractions, transport or tour services; in other enterprises where tourists are involved, such as museums and national parks; or in administrative or coordinating organisations such as regional tourism authorities.

## Tourism Management

### Bachelor of Business (Tourism Management)

**Campus:** Lilydale, online

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** n/a

Tourism impacts national and international economies, and demands a new breed of manager with both management skills and a specific tourism focus. This major gives you a thorough grounding in both general business principles and the specific discipline of tourism theory and practice. Learning is based on a range of practical and real-life exercises and assignments. This course will help you to develop resourcefulness, creativity and responsibility. Graduates will be prepared to operate in diverse environments, confront challenges and find solutions.

#### Career opportunities

You may find employment in museums, national parks, airlines, wholesale tour companies, regional tourism offices, tourist resorts, conference and reception centres. Graduates will also have the ability and skills to establish and run their own business within the tourism field.

### Sam Gould Diploma of Hospitality Management and Bachelor of Business (Tourism Management)

"I studied a TAFE diploma of Hospitality Management followed by the Bachelor of Business (Tourism Management) through the Pathways program. I got credit from my TAFE studies towards my university degree, which meant I graduated sooner. I enjoyed the diversity of the programs with hands-on training at TAFE combined with strong academic skills learned at university. I currently work for Qantas Holidays, who recognised the benefit of my combined tourism/business background during my application. I believe my qualification was a key advantage I held over other candidates applying for the position."



## Dean's Scholarship

### Dean's Scholarship – Lilydale

**Campus:** Lilydale

**Application:** Direct or VTAC

**2011 Round 1 Clearly-In ATAR:** 89.90

Under this program, students may select a single or double degree at Lilydale and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).



Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

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## Business Information Systems

### Bachelor of Business Information Systems

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.15

Information systems address how people, information, computers, networks and processes come together to create cohesive business solutions. This course will prepare you for immediate entry into the management of business information systems in organisations. You will develop some technical skills, but more emphasis will be placed on business analysis and problem-solving, systems analysis, project management, the provision of IS services and the management of information systems in organisations.

#### Career opportunities

As an ICT and business-savvy graduate, you can pursue a career in business analysis, business process analysis, business requirements analysis, project management, enterprise systems consultancy, business relationship management, business development, and – when you have gained experience – as an IT director or chief information officer.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

## Business Information Systems/Commerce

### Bachelor of Business Information Systems/ Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.15

This double degree combines specialist studies in business information systems with a full commerce degree, leading to a choice of a generalist or specialist career using IS and ICT to solve business problems. IS expertise in business and systems analysis, project management, the provision of IS services, social networking in organisations, business mobility and connectivity and the management of information systems is combined with your choice of commerce specialisations such as accounting, commercial law, entrepreneurship and innovation, finance, human resource management, international business, management and marketing.

#### Career opportunities

Graduates of this double degree are highly sought-after, and often gain employment in business analysis, business requirements analysis, project management solution design and delivery, business development management and IS/IT consultancy.

#### Professional recognition

This double degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

## Computer Science

### Bachelor of Science (Computer Science)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematical Methods (either).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.60

This specialist ICT program combines studies in general computing such as software development, databases, data communications and software engineering with specialist studies in advanced ICT. It emphasises practical problem-solving. You will gain a deep understanding of both the theory and practice of computing to enable you to develop innovative solutions to complex ICT problems such as web and mobile application creation, advanced software development platforms, networking and software engineering projects.

#### Career opportunities

Graduates may find employment in organisations engaged in medium- to large-scale software development or scientific computing projects in areas such as defense, aerospace and medicine, where complex software and systems play a major role. Graduates are often initially employed in technical areas such as programming and systems analysis and design, and progress into project leadership and management positions.

## Electronics and Computer Systems/Computer Science and Software Engineering

See entry for Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Computer Science and Software Engineering) on page 57.



## Games Development

### Bachelor of Science (Games Development)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 1 and 2 – Mathematics (any); units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 69.75

This specialist ICT program focuses on the design and programming of computer games and other interactive software. Major studies include software development using an object-oriented approach and specialist areas in games design and development. You will also learn about the creative and design aspects of multimedia and internet technologies, particularly as applied to games development. The program also includes units in database, networking and project management, and is good preparation for general software design and development careers as well as specialist careers in the games industry.

#### Career opportunities

Areas of initial employment include game design and development, multimedia development and general software design and development, with good opportunities to move into team-leader and project-management roles after gaining experience.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and industry.

## Games and Interactivity/ Computer Science and Software Engineering

See entry for Bachelor of Arts (Games and Interactivity)/ Bachelor of Science (Computer Science and Software Engineering) on page 52.

## Information and Communication Technology

### Bachelor of Applied Information and Communication Technology

**Campus:** Lilydale and Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 52.10

This innovative new program is structured as an 'integrated' degree and provides an opportunity for students to receive a diploma in information technology while studying for a bachelor degree in information and communication technology. Year one is studied at the Lilydale campus; years two and three at the Hawthorn campus. The first year of the program comprises selected TAFE subjects to make up the Diploma of Information Technology (General). Students will be awarded the diploma qualification upon successful completion of the first-year units. The second and final years of the program comprise higher education subjects to form a major in applied information and communication technology, with a particular focus on web and mobile application development.

#### Career opportunities

There is a large number of job roles available for students with ICT qualifications, particularly those with experience in web and mobile application development. Roles include applications developer, quality assurance analyst, project manager, multimedia developer, mobile application developer, systems architect, business requirements analyst, technical writer, application integration specialist and user interface analyst.

### Bachelor of Applied Information and Communication Technology

**Campus:** Wantirna and Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** VTAC

**2011 Round 1 Clearly-In ATAR:** 53.90

This innovative new program is structured as an 'integrated' degree and provides an opportunity for students to receive a diploma in information technology while studying for a bachelor degree in information and communication technology. Year one is studied at the Wantirna campus; years two and three at the Hawthorn campus. The first year of the program comprises selected TAFE subjects to make up the Diploma of Information Technology (General). Students will be awarded the diploma qualification upon successful completion of the first-year units. The second and final years of the program comprise higher education subjects to form a major in applied information and communication technology, with a particular focus on web and mobile application development.

#### Career opportunities

There is a large number of job roles available for students with ICT qualifications, particularly those with experience in web and mobile application development. Roles include applications developer, quality assurance analyst, project manager, multimedia developer, mobile application developer, systems architect, business requirements analyst, technical writer, application integration specialist and user interface analyst.

### Bachelor of Information and Communication Technology

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 1 and 2 – Mathematics (any); units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.00

This course has a flexible structure allowing you to choose from a set of specialisations comprising software technology, network design and security, games technology, business analysis and business systems. You can choose a co-major or two minor streams of study from many options available in business, social science and science disciplines, or you can choose to add additional advanced IT studies. This course is ideal if you are seeking a broad ICT course with flexible outcomes, or if you have not yet decided which area of ICT to specialise in.

#### Career opportunities

Graduates may find employment in programming, games development, internet systems development, multimedia software development, business analysis, database administration or computer network support.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

## Information Technology – Scholarship Program

### Bachelor of Information Technology

**Campus:** Hawthorn

**Duration:** Three years full-time or the equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1). Applicants must also submit a supplementary application form.

**2011 Round 1 Clearly-In ATAR:** 76.60

This course is one of Australia's most prestigious IT degrees and aims to provide future leaders for the ICT industry. The course has been designed in partnership with leading Australian companies to equip you with the knowledge and skills to move quickly into senior ICT positions after graduation. You will spend 40 weeks gaining direct experience in the ICT industry by working with Swinburne's industry partners. You will also receive a tax-free scholarship totalling approximately \$39,000, to be paid in fortnightly instalments over the three-year course. You will develop skills and knowledge in business and systems analysis, business process management, programming, database and management.

#### Career opportunities

This degree has one of the highest employment rates of all ICT courses in Australia. Graduates will find employment in a range of ICT positions including systems analyst, software developer, ICT security analyst, business analyst, ICT policy and governance executive, IT/IS consultant or project manager.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

#### Jade Warrener

### Bachelor of Information Technology – Scholarship Program

"The BIT was definitely the course for me, as I have a passion for working with IT and seeing the way it has an impact on society. The course has granted me a better understanding of IT and business. I have really enjoyed socialising with peers and sponsors from top firms.

Through the scholarship I have been able to network with people who will later help me gain a job in the IT industry. In the future I hope to become a project manager."



# Information and Communication Technologies

continued

Uni degree TAFE course

## Network Design and Security

### Bachelor of Information and Communication Technology (Network Design and Security)

**Campus:** Hawthorn

**Duration:** Three years full-time or the equivalent part-time

**VCE Prerequisite:** Units 1 and 2 – Mathematics (any); units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 65.00

This flexible course has been designed to meet growing industry demand for graduates who are able to secure information and communication systems and are competent in, and knowledgeable about, computer network technologies and security. You will study programming, internet technologies, systems analysis and design, database technologies and software engineering, as well as advanced topics in computer networks and security. Upon completion, you will be confident in evaluating and managing computing networks and business information systems, and have the capacity to develop secure software applications including web, database and information management projects.

The program also has a strong industry focus with units that prepare you for professional certification as a Cisco Certified Network Associate (CCNA) and Microsoft Certified Systems Administrator (MCSA).

#### Career opportunities

Employment as an information security analyst, network security professional, information security professional, IT systems administrator, network administrator, systems administrator, programmer, web developer or database administrator.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

## Networking

### Diploma of Information Technology (Networking) incorporating Certificate IV in Information Technology (General)\*

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Eighteen months or two years full-time#

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course provides the skills to build and manage network systems in a business environment. Emphasis is placed on practical skills using a hands-on approach, including an industry-based work placement. Areas of study include network security, internet infrastructure, routing and network design, SQL database management and Linux, Microsoft and Novell operating systems. You may also have the opportunity to study the IT Essentials and CISCO CCNA programs.

#### Career opportunities

You will be prepared for employment in network administration, systems management, helpdesk and IT support. Alternatively, you may continue to degree studies in relevant areas of computing.

*\* Students commencing in February will complete a two-year program incorporating the Certificate IV. Students commencing mid-year will complete an 18-month program and will graduate with only the diploma.*

*# Students commencing in February will have the opportunity to take additional units in the second year of study to complete the Diploma of Information Technology (Systems Administration) concurrently and gain both diploma qualifications. Refer to the entry for Diploma of Information Technology (Systems Administration) on page 73.*

## Network Security

### Advanced Diploma of Information Technology (Network Security) incorporating Certificate IV in Information Technology (General)

**Campus:** Hawthorn

**Duration:** Diploma – One year full-time

Certificate – One year full-time

Total duration – Two years full-time

**Prerequisites:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course will provide students with the skills and knowledge required to set up and administer the security of a computer network. Areas of study include network security, virtual networking, Linux networking and project management.

#### Career opportunities

Graduates of this course may find employment in network design and implementation, network security, network administration or network system management.

## Robotics and Mechatronics/ Computer Science and Software Engineering

See entry for Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Science (Computer Science and Software Engineering) on page 60.

## Software Development

### Diploma of Information Technology (Software Development) incorporating Certificate IV in Information Technology (Programming)

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Eighteen months or two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course is designed to provide you with the skills needed to work in the IT industry as a programmer, analyst or designer, or to continue to higher education courses in systems development and related areas. Areas of study include communication skills, object-oriented programming in a number of languages, object-oriented systems analysis and design, quality and project management, markup languages and client-side and server-side programming. In the final semester you will undertake a group project for an industry client.

#### Career opportunities

You may find employment in software development, including the integration of internal business systems with internet interactivity, database programming, and the integration and development of e-business applications. Possible roles include systems analyst, analyst programmer, web programmer, web designer and Java developer. Alternatively, you may continue to degree studies in relevant areas of computing and information technology.

Students will have the opportunity to take additional units in the second year of study to complete the Diploma of Information Technology (Website Development) concurrently and gain both diploma qualifications. Refer to the entry for Diploma of Information Technology (Website Development) on page 73.

### Bachelor of Science (Professional Software Development)

**Campus:** Hawthorn

**Duration:** Three years full-time

**VCE Prerequisite:** Units 1 and 2 – Mathematics (any); units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 66.15

This specialist ICT program covers all aspects of the design, development and improvement of software systems including research, design and development, testing, implementation and deployment. The course covers advanced software development with an emphasis on problem-solving, practical software engineering including the critical skills of quality assurance, project management and the use of industry-standard development techniques and tools. You will develop solid technical skills with an understanding of software architecture and its role within an organisation.

#### Career opportunities

Graduates are prepared for employment in a variety of roles including software design and development, web development, games development and software testing. Employment opportunities exist in organisations engaged in medium- to large-scale software development projects in many areas such as banking and finance, manufacturing, retail, defense and aerospace.

#### Professional recognition

This degree is accredited at the professional level with the Australian Computer Society (ACS), ensuring it meets the highest standard of the profession and the industry.

## Systems Administration

### Diploma of Information Technology (Systems Administration) incorporating Certificate IV in Information Technology (General)\*

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Eighteen months or two years full-time#

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course provides the skills to build and manage network systems in a business environment. Emphasis is placed on practical skills using a hands-on approach, including an industry-based work placement. Areas of study include installation and administration of Linux, Microsoft and Novell operating systems, networking security, testing and project management. You may also have the opportunity to study the IT Essentials and CISCO CCNA programs.

#### Career opportunities

You will be prepared for employment in network administration, systems management, helpdesk and IT support. Alternatively, you may continue to degree studies in relevant areas of computing.

*\* Students commencing in February will complete a two-year program incorporating the Certificate IV. Students commencing mid-year will complete an 18-month program and will graduate with only the Diploma.*

*# Students commencing in February will have the opportunity to take additional units in the second year of study to complete the Diploma of Information Technology (Networking) concurrently and gain both diploma qualifications. Refer to the entry for Diploma of Information Technology (Networking) on page 72.*

## Telecommunication and Network Engineering

See entry for Bachelor of Engineering (Telecommunication and Network Engineering) on page 61.

## Telecommunication and Network Engineering/ Computer Science and Software Engineering

See entry for Bachelor of Engineering (Telecommunication and Network Engineering)/Bachelor of Science (Computer Science and Software Engineering) on page 61.

## Telecommunications Cabling

### Certificate II in Telecommunications Cabling

**Campus:** Hawthorn

**Duration:** Six months full-time or equivalent part-time

**Prerequisite:** Successful completion of Diploma of Information Technology.

**Application:** Direct

In this course you will be trained to administer and configure a network of computers. You will gain the skills to install cabling and be able to sit for your AUSTEL licence. The course prepares students for the work of installing telecommunications and data cabling and cabling products on customers' premises under the auspices of the industry registration scheme.

#### Career opportunities

Employment as a cable installer, computer technician, IT technician or network specialist.

### Certificate III in Telecommunications Cabling

**Campus:** Hawthorn

**Duration:** One year part-time

**Prerequisite:** There are no formal entry requirements for this program, but Certificate II in Telecommunications Cabling or substantial vocational experience is preferred.

**Application:** Direct

This qualification prepares students for a role as an operator in the telecommunications industry who can apply a broad range of competencies in a varied work context, from installation to operation of telecommunications equipment and products.

#### Career opportunities

This qualification prepares students for entry to the telecommunications industry. Potential roles include cabler and installer, equipment installer, security alarm installer, telecommunications equipment operator and telecommunications tradesperson.

## Website Design

### Certificate IV in Information Technology (Websites)

**Campus:** Lilydale, Wantirna

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct

This course provides the skills required to develop websites using client-side programming languages. These include XHTML mark-up language, cascading style sheets (CSS) for design layout and JavaScript for client-side validation.

#### Career opportunities

Employment as a digital programmer, database administrator, web programmer or web developer.

## Website Development

### Diploma of Information Technology (Website Development) incorporating Certificate IV in Information Technology (Programming)\*

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Eighteen months or two years full-time#

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course is designed to provide you with the skills needed to work in the IT industry as a web programmer, designer or system architect, or to continue to higher education courses. Areas of study include communication skills, markup languages, webpage design, scripting, client-side programming, server-side programming, database integration, site testing, web security, systems analysis and project management. In the final semester you will undertake a group project for an industry client.

#### Career opportunities

You may find employment in website development, including the integration of internal business systems with internet interactivity, database programming and the integration and development of e-commerce applications. Possible roles include systems analyst, analyst programmer, web programmer and web designer. Alternatively, you may continue to degree studies in relevant areas of computing and information technology.

*\* Students commencing in February will complete a two-year program incorporating the Certificate IV. Students commencing mid-year will complete an 18-month program and will graduate with only the Diploma.*

*# Students commencing in February will have the opportunity to take additional units in the second year of study to complete the Diploma of Information Technology (Software Development) concurrently and gain both diploma qualifications. Refer to the entry for Diploma of Information Technology (Software Development) on page 72.*

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Scholarship – Information Technology/Science

**Campus:** Hawthorn

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent with a minimum ATAR of 97.00.

Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1)

Under this program, students may select a single or double degree in the information technology and science area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

## Any questions?

1300 275 794

## Biochemistry and Chemistry

### Bachelor of Science (Biochemistry and Chemistry)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 73.05

Biochemistry is put into action wherever an understanding of the molecular basis of biology is important – from nutrition and agriculture through to medicine and psychology. This program combines biochemistry (the study of molecules of life, their structure and their role in the processes of animals, plants and micro-organisms) with chemistry (the composition of substances and their properties and reactions). This combination examines how biochemical knowledge can be applied to a range of industries and medical investigations, focusing on practical skills such as the culturing of micro-organisms, through to the investigation of complex molecules such as enzymes and DNA.

The program especially emphasises the practical skills that are important to a range of medical, industrial, environmental and research applications. These skills include computing, teamwork, problem solving and communication, as well as the traditional skills of an analytical biochemist, microbiologist or chemist. Your projects will link you directly to industry and/or leading-edge research.

Swinburne also offers an honours (fourth) year for this program.

### Career opportunities

Biochemists and chemists work in many areas, including medical research, environmental research, clinical biochemistry, biotechnology, industrial chemistry, microbiology, food production, agricultural biochemistry, beverage production, fermentation technology, pharmaceutical production, biomolecular research, protein engineering, wine science, waste treatment, biodegradation and bioremediation.

### Professional recognition

The Royal Australian Chemical Institute has accredited this course for the purposes of professional recognition. You will also be eligible for membership of the Australian Society for Biochemistry and Molecular Biology, the Australian Society for Microbiology and the Australian Biotechnology Association.

## Biomedical Engineering

See entry for the Bachelor of Engineering (Biomedical Engineering) on page 54.

## Biomedical Sciences

### Bachelor of Science (Biomedical Sciences)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.20

This program puts the applications of biology-based sciences – such as anatomy and physiology – to medical use, particularly in health monitoring, treatment or related research. It blends chemistry, biochemistry, microbiology and human anatomy and physiology to provide you with a basic scientific understanding, as well as knowledge of the technology and modern instrumentation used in clinical care and monitoring environments such as analytical and research laboratories. You will study some of the functional aspects of the human body, but your major skills will lie in the building blocks of physiology.

Swinburne also offers an honours (fourth) year for this program.

### Career opportunities

Employment prospects in the hospital and healthcare industry remain very strong for graduates from this program. You may find work in hospital laboratories, including intensive care support and medical technologist positions in cardiovascular, respiratory and neurological medicine. Employment may also be found in the healthcare sector, medical equipment companies and the sports science area, and some sections of forensic science.

## Biosciences

### Bachelor of Science (Biosciences)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 70.20

This program combines studies in chemistry, biochemistry, human physiology, microbiology and genetics. It provides you with theoretical and practical knowledge about the functional aspects of the human body, and is designed to give you the science skills required to work in areas where human performance – both physical and cognitive – may be developed and analysed. You will gain the knowledge and skills to work in the chemical, biochemical, medical and biomedical science areas. You may also focus your career on experimental procedures through your practical studies on biological sciences.

Swinburne also offers an honours (fourth) year for this program.

### Career opportunities

Employment may be found in a wide variety of positions within the biomedical industry including specialist laboratory work, expert and consultant roles, research, education and management. Biomedical scientists often work in hospital and university laboratories, pharmaceutical and product manufacturers, and various government departments.



## Biotechnology

### Bachelor of Science (Biotechnology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 73.05

Biotechnology is the applied science of using living organisms and their by-products for commercial development. Everyday items such as milk, beer, antibiotics, biodegradable plastics and biofuels are all biotechnology commodities. Many biotechnologists work with recombinant DNA, cell fusion, bio-processing techniques and environmental management. In this program you will 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. You will have flexible options to take major studies in chemistry, environmental science or other areas.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

You may pursue an exciting career in a range of fields including medical, environmental or biomolecular research, clinical biochemistry, food or beverage production, agricultural biochemistry, fermentation technology, wine science, pharmaceutical production, protein engineering, waste treatment, biodegradation and bioremediation.

#### Professional recognition

Graduates may apply for membership of the following professional societies: Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology and the Australian Society for Microbiology. The course meets the requirements of the Royal Australian Chemical Institute if it includes the chemistry co-major.

#### Amy Distiller Bachelor of Science (Biotechnology)

“Swinburne’s smaller class sizes provided me with a seamless transition from high school to university, and allowed me more individual attention in laboratory classes (translating to better results and an increased confidence). I found the lecturers to be very approachable when it came to providing assistance with coursework or advice. It was really important to me to study at a university that placed a strong emphasis on the practical aspects of its courses, which Swinburne definitely does. As a science graduate I feel that I am highly regarded by employers, giving me a competitive advantage over other graduates.”



## Biotechnology/Commerce

### Bachelor of Science (Biotechnology)/ Bachelor of Commerce

**Campus:** Hawthorn

**Duration:** Four years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 73.05

This double degree develops the skill sets of a biotechnologist while broadening your skills into the area of commerce. This course is ideal if you want to study biotechnology with a view to using that knowledge in a business venture, or as a biotechnology company employee who requires business skills.

#### Career opportunities

Same as for the Bachelor of Science (Biotechnology), left. You will also be able to use scientific research and innovative skills to create a new business enterprise or to contribute to existing businesses.

#### Professional recognition

Graduates may apply for membership of the following professional societies: Australian Biotechnology Association, the Australian Society for Biochemistry and Molecular Biology and the Australian Society for Microbiology.

## Bridging Science

See the entry for Certificate IV in Science on page 88.

## Chemistry

### Bachelor of Science (Chemistry)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 73.05

Chemistry is an enabling science that involves the fundamental study of how molecules react, as well as the applied study of how we can detect and use them. Chemistry is applied in a range of fields such as medicine, food production, cleaning products and environmental protection. This course covers far-reaching applications of chemistry including forensic science, polymer formation, water analysis, the creation of new materials, agricultural chemistry and environmental science.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

You may find employment in a wide range of areas such as industrial chemistry, chemical research and analysis, environmental and agricultural research, nanotechnology, food and drink technology, forensic science, the petrochemical industry, the pharmaceutical industry, quality control, water-quality analysis and the wine industry.

#### Professional recognition

Graduates can apply for membership of the Royal Australian Chemical Institute (RACI) and the Association of Professional Engineers and Scientists and Managers, Australia (APESMA).

## Computer Science

See the entry for Bachelor of Science (Computer Science) on page 70.

## Electronics and Computer Systems/Biomedical Sciences

See entry for Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Biomedical Sciences) on page 55.

## Environmental Sustainability

See the entry for Bachelor of Science (Environmental Sustainability) on page 78.

## Laboratory Skills

### Certificate III in Laboratory Skills

**Campus:** Hawthorn

**Duration:** Six to nine months full-time or equivalent part-time

**Prerequisite:** There are no formal entry requirements.  
**Application:** Direct

You will be equipped with the skills and the basic underpinning knowledge to safely handle chemicals, use basic laboratory equipment, follow procedures and perform other duties within a laboratory-related workplace.

#### Career opportunities

Entry-level positions in roles such as technical assistant, laboratory attendant and chemical process operator. Students completing the Certificate III Laboratory Skills will also be eligible for significant credits into all streams of the Diploma of Laboratory Technology programs.

## Laboratory Technology

### Diploma of Laboratory Technology

**Campus:** Hawthorn

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course provides scientific and technical education with a strong emphasis on the development of a range of practical skills for the biosciences workplace. Graduates will be competent in meeting the technological and administrative demands of laboratory work.

Specialist streams in biotechnology and forensic and pathology testing are also available.

#### Career opportunities

Employment as support staff to scientists in research, education and industry.

See also ‘Apprenticeships and Traineeships’ on pages 81–87.



## Laboratory Technology/ Sustainability

### Diploma of Laboratory Technology/ Diploma of Sustainability

**Campus:** Hawthorn

**Duration:** Two years full-time or equivalent part-time  
**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

Sustainability is increasingly being recognised as a core objective in both business and government. You will develop an understanding of sustainability issues as they relate to the sciences and will be able to apply principles of sustainability in laboratory work, in addition to the development of a range of practical skills for the biosciences workplace. Specialist streams in biotechnology and forensic and pathology testing are also available.

#### Career opportunities

Employment as support staff to scientists in research education and industry.

## Laboratory Technology – Management

### Advanced Diploma of Laboratory Operations

**Campus:** Hawthorn, workplace

**Duration:** Two years part-time

**Prerequisite:** Diploma of Laboratory Technology or demonstrated equivalent competency. Applicants must also be employed in a relevant field.

**Application:** Direct

You will develop the skills required to work as a laboratory supervisor, senior technical officer or similar position.

#### Career opportunities

Employment may be found as a senior technician or laboratory manager.

## Medical Biophysics

### Bachelor of Science (Medical Biophysics)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.20

This high-calibre science program brings together physics, technology and physiology to examine and analyse the biological process of the human body. It specifically focuses on determining system function and explaining this in fundamental terms. This course includes engineering mathematics and medical electronics to enhance understanding of modern monitoring technology and its use in human physiology.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

You may be employed as the interface between patients and instrumentation in hospitals and other organisations, and in roles such as medical imaging specialist, research scientist, physiologist, applications specialist, cardiovascular technologist, respiratory technologist or neuroscientist. There are also opportunities to work in human factors, medical instrumentation companies and some sports science areas.

## Medical Technology

### Bachelor of Science (Medical Technology)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 70.20

Medical technology saves and improves lives by detecting diseases earlier and providing more effective treatment options. You will study the development and application of devices that are used in advanced medical imaging, such as those used for examining lung function, brain activity and intensive care. This program focuses on applied knowledge and covers physiology, chemistry, biochemistry, introductory microbiology, molecular biology and genetics, medical instrumentation, neurophysiology, cardiorespiratory physiology, physics, electronics, sleep and attention.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

Graduates will be prepared for work in a variety of medical science-related positions, particularly working in areas where there is a need to measure physiological parameters in both health and disease. You may also find employment in laboratories that require biotechnology, biochemistry and chemistry knowledge, or in any area of human performance, such as aspects of human factors and sports science.

## Public and Environmental Health

### Bachelor of Health Science (Public and Environmental Health)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** VTAC and direct (both are required)

**2011 Round 1 Clearly-In ATAR:** RC

This multidisciplinary course will equip you with the know-how to assist in the protection of the environment and the health of people living within it. You will gain expertise in planning and implementing programs in public health and environmental protection, and develop skills in risk analysis, disease prevention and working with diverse communities. Areas of study include science, law, communication, health policy and promotion, food and water safety, risk assessment, emergency and disaster management and sustainability.

Swinburne also offers an honours (fourth) year for this program.

#### Career opportunities

You will enjoy particularly high employability as an environmental health officer or work in the areas of health promotion, policy development, foreign aid, communicable disease investigation, immunisation coordination, sustainability, public and community health planning, the food and waste management industries, private consultancies and research positions.

#### Professional recognition

This degree is accredited by Environmental Health Australia, qualifying graduates to work in environmental health officer positions.

### Hayley Carmichael Bachelor of Health Science (Public and Environmental Health)

"The Bachelor of Health Science course offered me a great mix of practical and theoretical experience. I was exposed to the day-to-day tasks of an environmental health officer during my Industry-Based Learning (IBL) placement at the City of Stonnington, which offered me an abundance of mentoring opportunities and experience. The IBL year was a great chance to put my learnt knowledge into practice, as well as giving me a well-earned break from my studies! I am now working as an environmental health officer at the City of Wodonga – a regional council that has opened my eyes to some very new and varied experiences."



## Science

### Bachelor of Science

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 66.15

This course provides students with a broad science overview with the ability to specialise in a field of their choice through a range of science majors. The course aims to equip students with the skills, knowledge and key theoretical insights required to work effectively within an extensive range of professional scientific environments.

Swinburne also offers an honours (fourth) year for most of the tagged degree programs listed below.

A distinctive feature of the course is the practical application of knowledge through project-based units of study. These final-year 'Capstone' units develop real-world skills, ensuring that graduates are prepared for professional employment or further studies.

Drawing on the expertise of leading teachers, researchers and a variety of industry experts, the course allows students to tailor their own degree and develop a unique range of interdisciplinary skills. Offering a flexible range of professional majors, co-majors and minors, the course allows students to select a professionally focused program of study. These topics seek to blend a range of key scientific skills and knowledge required by current and projected industry needs.

You will be required to undertake a professional major in an area of specialisation, and combine it with either a co-major or two minors. There is a range of co-majors or minors available that add depth or breadth to your degree. Depending on your major, you have the option of graduating with a Bachelor of Science or one of the following tagged degrees:

- Bachelor of Science (Biochemistry and Chemistry)
- Bachelor of Science (Biomedical Sciences)
- Bachelor of Science (Biosciences)
- Bachelor of Science (Biotechnology)
- Bachelor of Science (Chemistry)
- Bachelor of Science (Environmental Sustainability)
- Bachelor of Science (Medical Biophysics)
- Bachelor of Science (Medical Technology)
- Bachelor of Science (Psychology)
- Bachelor of Science (Psychology and Psychophysiology)

Students interested in mathematics may consider the Applied Mathematics co-major.

### Career opportunities

You will enjoy a wide range of employment opportunities in science and technology, determined by your major studies.

### Professional recognition

All graduates may apply for membership of the Association of Professional Engineers, Scientists and Managers. Graduates with a biotechnology major may apply for membership of the Australian Society for Biochemistry and Molecular Biology (ASBMB). Graduates with a chemistry major may apply for membership of the Royal Australian Chemical Institute.

## Science – Computer Science

See entry for Bachelor of Science (Computer Science) on page 71.

## Science – Games Development

See entry for Bachelor of Science (Games Development) on page 71.

## Professional Software Development

See entry for Bachelor of Science (Professional Software Development) on page 72.

## Psychology

See entry for Bachelor of Science (Psychology) on page 32.

## Psychology and Psychophysiology

See entry for Bachelor of Science (Psychology and Psychophysiology) on page 33.

## Vice-Chancellor's Scholarship

### Vice-Chancellor's Scholarship – Information Technology/Science

**Campus:** Hawthorn

**Prerequisite:** Successful completion of Victorian Year 12 or equivalent with a minimum ATAR of 97.00. Refer to individual course entries for specific prerequisites.

**Application:** Direct (all intakes) or VTAC (Semester 1)

Under this program, students may select a single or double degree in the information technology and science area and receive a waiver from student contribution amount payments for the duration of their course (subject to academic performance and other scholarship conditions).

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
 1300 275 794

## Energy and Resource Efficiency Technologies

### Certificate IV in Sustainable Energy and Resource Efficiency Technologies

**Campus:** Wantirna

**Duration:** One year full-time or equivalent part-time  
**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age with basic literacy, mathematics, science and computing skills.

**Application:** Direct (all intakes) or VTAC (February start)

This course covers the practical application of sustainable energy and resource efficiency technologies including renewable energy (solar, wind, solar water heating and bioenergy); energy efficiency; water efficiency, collection and treatment; carbon accounting; conducting sustainability assessments; material efficiency including waste minimisation; developing action plans to achieve efficiency and planning the retrofitting of domestic and small-scale commercial buildings. The course is structured to deliver knowledge and skills that will enable graduates to install or supervise the installation of apparatus, provide advice to clients, provide retail and wholesale services to the relevant industry and for policy and planning roles.

#### Career opportunities

Graduates will be able to conduct sustainability assessments for home owners and small enterprises; install, supervise and design resource efficiency technologies; provide advice to clients in retail and wholesale sectors; or work in policy and planning roles for non-government organisations and government agencies.

## Environmental Sustainability

### Bachelor of Science (Environmental Sustainability)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time  
**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any) and Mathematics (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)  
**2011 Round 1 Clearly-In ATAR:** 66.00

This course takes a practical view on how corporations and other organisations can take responsibility for their environmental impact. You will gain an understanding of the issues of sustainability on both small and large scales, and apply the principles of sustainable development to examine environmental, social and ecological degradation issues. This multidisciplinary course incorporates scientific skills such as chemistry, biology and microbiology and assesses the responsibility of stakeholder groups in managing environmental sustainability in the future.

#### Career opportunities

You may find employment in a range of roles involving sustainability management in the private and public sectors. Opportunities are growing in areas such as environmental risk assessment and protection, renewable energy development, carbon, waste and resource management and building sustainable communities.

## Renewable Energy Technology

See entry for Certificate IV in Renewable Energy on page 82.

## Sustainability – General

### Diploma of Sustainability

**Campus:** Croydon, Hawthorn, Lilydale, Prahran, Wantirna, online

**Duration:** One year part-time (15 sessions)

**Prerequisite:** This course is available to all students studying a diploma or degree, or those who have completed a diploma or higher qualification and have relevant work experience.

**Application:** *Diploma only* – direct

*Dual awards* – Direct (all intakes) or VTAC (February start)

This course introduces you to key sustainability concepts, tools and practices and empowers you with specialised skills and knowledge that can be applied to a broad range of areas. You will be equipped to develop and implement programs to support behaviour change and to research and apply sustainable production and consumption principles. You will learn to develop business plans for sustainable management within a business practice and to determine the advantages for businesses and organisations to align with sustainability practices.

#### Career opportunities

This course will allow students to gain or upgrade their skills so they can integrate sustainability into their existing role, or transition into a sustainability-related career in a position such as sustainability officer, environmental and social sustainability advisor or project manager.

Anne Sowden

### Diploma of Community Development/ Diploma of Sustainability

"It was a real bonus that I could study the Diploma of Sustainability at the same time as studying the Diploma of Community Development.

Throughout the course I gained a solid understanding of the key issues of sustainability, and I'm now far more confident in my understanding of the 'science' of climate change. The class facilitator was excellent and discussion was very engaging and informative. After every class I came away inspired to read more, learn more and do more."



## Diploma of Carbon Management

New

**Campus:** Hawthorn

**Duration:** One year part-time

**Prerequisite:** Basic computer skills

**Application:** Direct

Learn how to become 'carbon accountable'. You will develop the skills and knowledge needed to understand government policy and workplace requirements regarding the management of greenhouse gas emissions. You will learn how to assess risk; assess and apply principles of energy, policy and change management; create and implement carbon management strategies; and lower an organisation's carbon footprint.

### Career opportunities

Employment in environmental or risk management positions, project management, or as a consultant to industry.

## Bachelor of Arts (Sustainability Management)

**Campus:** Hawthorn

**Duration:** Three years full-time or equivalent part-time

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 20 in English (any).

**Application:** Direct (all intakes) or VTAC (Semester 1)

**2011 Round 1 Clearly-In ATAR:** 65.90

Societies are changing faster than current consumption demands and planning can deal with. This course gives you the knowledge and skills to sustainably manage our future. You will examine issues such as global warming, resource depletion, fossil-fuel and motor-vehicle dependence, community health, social exclusion, inequality, health and social wellbeing. This major incorporates subjects from a range of disciplines, including human ecology, economics, philosophy, sociology, environmental science and politics. You will develop problem-solving and technical skills to manage sustainable outcomes in public policy and private business.

### Career opportunities

Community, public and private sector organisations seek graduates with superior skills in addressing complex sustainability management challenges. You may find employment in a wide range of positions including public administration, community development, social research, resources management, compliance monitoring and communication.

## Water and Catchment Management

### Diploma of Sustainable Water and Catchment Management

**Campus:** Lilydale

**Duration:** Two years full-time or equivalent part-time

**Prerequisite:** Applicants must demonstrate experience, commitment or current employment in the water management industry.

**Application:** Direct

You will gain the skills and knowledge required to manage water resources for regional and state catchment management authorities using integrated and sustainable strategies.

### Career opportunities

You may find employment with water and catchment authorities, local government, private enterprises and consultancies.

# Visual, Performing and Circus Arts

Uni degree TAFE course

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## Circus Arts

### Bachelor of Circus Arts

**Campus:** Prahran

**Duration:** Three years full-time

**Prerequisite:** A background in performing arts, physical theatre, youth circus, dance, acrobatic sports or gymnastics.

**Application:** Direct to the National Institute of Circus Arts (NICA). Selection is by audition, interview and physiotherapy assessment.

This vocationally oriented degree aims to provide you with the ability to manage your own artistic career in the world circus arena by providing arts business knowledge, leadership skills for the arts arena, research and academic skills, and opportunities for innovation and experimentation with style and form.

### Career opportunities

NICA training can lead to work in contemporary circus, traditional circus, social circus, stunt work, corporate entertainment, festivals, teaching and other sectors of the arts industry.

### Professional recognition

NICA is a member of the Australian Roundtable for Arts Training Excellence and is also accredited as a full member of the Fédération Européenne des Écoles de Cirque Professionnelles (Federation of European Professional Circus Schools). NICA is the South-East Asian training partner for Cirque du Soleil and has strategic alliances and training partnerships with Nanjing Acrobatic Troupe, Shanghai Circus School and the Taiwan National Academy of Performing Arts.

## Costume for Performance

### Diploma of Costume for Performance

**Campus:** Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

You will receive the training required to pursue or enhance your career as a theatre technician in the area of costume making or other related areas. The course combines theory and practical studies, industry simulation and industry placement to enhance students' overall knowledge, experience and networks. Major study areas include costume construction and design, pattern-making, period costumes, theatre and film wardrobe and theatrical millinery.

### Career opportunities

Employment within the theatre, TV and film industries, which may extend to costume hire outlets, costume fashion promotions, festivals, visual displays and creative novelty wear.

## Make-Up

### Diploma of Specialist Make-Up Services

**Campus:** Prahran

**Duration:** One year full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

You will learn application skills in prosthetics, special effects and stage photographic, bridal, period, television, film and fashion make-up, as well as hairstyling, facial-hair manufacture and wig styling and maintenance.

### Career opportunities

Employment in the film, video, television, theatre, photographic or fashion industries.

## Technical Theatre

### Diploma of Live Production, Theatre and Events (Technical Production)

**Campus:** Prahran

**Duration:** Eighteen months full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct to Swinburne. Applicants may be required to attend an interview and present a folio of work.

This course is for people committed to becoming versatile and skilled technicians in the entertainment and live events industry. This qualification reflects the range of knowledge and skills required to be a multi-skilled technician, in the areas of lighting, audio and staging within the industry.

### Career opportunities

You may find employment as a lighting technician, sound technician, stage mechanic, technical manager, technical coordinator or technical director in theatre, or for live or other major events.

## Theatre Arts

### Diploma of Theatre Arts

**Campus:** Prahran

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be asked to participate in a day of workshops and written activities.

Students will gain the necessary skills to organise a performance, event or project and undertake the associated administrative tasks. You will undertake practical learning in the conception, development, planning, activation, rehearsal and staging of an event or performance.

### Career opportunities

Employment as a theatre worker in a small company or with other artists on specific projects.

## Visual Arts

### Diploma of Visual Art

**Campus:** Prahran, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** VTAC (February start; applicants must also submit a supplementary application form) or direct. Applicants may be required to attend an interview and present a folio of work.

This is a progressive contemporary fine arts course run by artists. Painting, sculpture, drawing, photography, printmaking and video and digital imaging are studied. Theory study areas feature conceptual and stylistic strategies of art practices since the 1960s.

### Career opportunities

You may find a rewarding career in the visual arts industries where traditional practices converge with new video and digital technologies.

Julie Goss

### Diploma of Theatre Arts

"After graduating from Swinburne I worked with Oddsocks, a professional theatre company formed by other Swinburne graduates, before going on to study at NIDA. I am now a member of the Bell Shakespeare Company and have been awarded a scholarship to work with London's Globe Theatre Company."





# Apprenticeships and Traineeships

- Pre-Apprenticeships
- Apprenticeships
- Traineeships

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

## PRE-APPRENTICESHIPS

### Automotive

#### Certificate II in Automotive Technology Studies

**Campus:** Lilydale, Wantirna  
**Duration:** Twenty weeks full-time  
**Prerequisite:** Year 10 or mature age.  
**Application:** Direct

##### Major study areas

- Safe working practices and industry research
- Engine dismantle and assemble
- Steering assemblies
- Electrical test equipment
- Workplace tools and equipment

##### Career outcome

Apprenticeship in the motor mechanics industry.

### Building and Construction

#### Certificate II in Bricklaying

#### Certificate II in Carpentry

#### Certificate II in Painting and Decorating

**Campus:** Croydon  
**Duration:** Sixteen weeks full-time  
**Prerequisite:** Year 10 or mature age.  
**Application:** Direct

##### Major study areas

- Workplace induction
- Hand and power tools
- Small plant and equipment
- Understanding building plans and documents

##### Career outcome

Apprenticeship as a bricklayer, carpenter or painter and decorator in the building and construction industry, or entry-level employment in the field.

### Electrical

#### Certificate II in Electrotechnology Studies (Pre-vocational)

**Campus:** Croydon, Wantirna  
**Duration:** Thirteen weeks full-time  
**Prerequisite:** All applicants are required to sit an entrance exam.  
**Application:** Direct

The pre-apprenticeship Certificate II in Electrotechnology Studies is a six-month pre-employment course. The course is based on hands-on projects. Content includes the use of power and hand tools commonly used in the electrical trades.

Students who successfully complete the course will gain more than six months' schooling credit towards the four year TAFE component of the Certificate III in Electrotechnology (Electrician) course undertaken by apprentice electricians.

##### Major study areas

- Dismantling, assembling and fabricating electrotechnology components
- Solving problems in multiple-path DC circuits
- Using drawings, diagrams, schedules and manuals
- Performing computations
- Using routine equipment/plant/technologies in an electrotechnology environment
- Providing basic sustainable energy solutions for energy reduction in domestic premises

##### Career outcome

This course prepares you for employment as an apprentice in the electrical, refrigeration and air-conditioning, security systems, renewable energy, domestic, commercial or industrial industries.

### Engineering

#### Certificate II in Engineering Studies

**Campus:** Wantirna  
**Duration:** Two years part-time  
**Prerequisite:** Successful completion of Year 10 or equivalent and attending Year 11.  
**Application:** Direct

##### Major study areas

- Hand and power tools
- Safe work practices/OH&S
- Producing engineering drawings
- Basic machining skills
- Producing engineering components

##### Career outcome

Entry-level employment in the engineering production and welding industry. Successful completion of this course can provide credits towards an apprenticeship.

### Engineering Production

#### Certificate II in Engineering – Production Technology

**Campus:** Hawthorn  
**Duration:** Competency-based completion, up to two years part-time  
**Prerequisite:** Successful completion of Year 10 or equivalent and contracted as a school-based apprentice.  
**Application:** Direct

##### Major study areas

- OH&S
- Using hand and power tools
- Welding
- Using workshop machines
- Performing routine sharpening of tools
- Interpreting technical drawings

##### Career outcome

Apprenticeship in the areas of mechanical or fabrication.

# Apprenticeships and Traineeships

continued

## Horticulture and Conservation

### Certificate II in Horticulture

### Certificate II in Conservation and Land Management

**Campus:** *Horticulture* – Wantirna;  
*Conservation and Land Management* – Lilydale  
**Duration:** Six months full-time  
**Prerequisites:** Successful completion of Victorian Year 10 or equivalent.  
**Application:** Direct

#### Major study areas

- OH&S procedures
- Communications
- Plant and animal recognition
- Animal trapping
- Treating weeds
- Planting trees and shrubs
- Fencing and pathway construction
- Water testing
- Working in the industry
- First aid

#### Career outcome

Apprenticeship or employment as a horticulturist or conservation/environmental worker.

## Hospitality

### Certificate II in Hospitality

### Certificate II in Hospitality (Kitchen Operations)

**Campus:** Lilydale, Prahran  
**Duration:** Six months full-time  
**Prerequisites:** *Hospitality* – Year 10 or mature age;  
*Kitchen Operations* – Year 11 or mature age.  
**Application:** Direct

#### Major study areas

- Industry knowledge
- OH&S and food safety
- Cookery methods
- Kitchen operations

#### Career outcome

Apprenticeship or employment as a cook or food and beverage attendant.

Uni degree TAFE course

## Plumbing

### Certificate II in Plumbing (Pre-vocational)

**Campus:** Croydon  
**Duration:** Twelve weeks full-time  
**Prerequisite:** Satisfactory completion of Year 10 or equivalent, or mature age.  
**Application:** Direct

#### Major study areas

- Plumbing fixtures, fittings and appliances
- Tubes and pipes in plumbing
- Building structures
- Plumbing industry induction
- Workplace safety and environmental procedures

#### Career outcome

Apprenticeship as a plumber in the building and construction industry.

## Renewable Energy

### Certificate II in Renewable Energy

New

**Campus:** Wantirna  
**Duration:** Approximately six months full-time  
**Prerequisite:** There are no formal entry requirements  
**Application:** Direct  
  
This qualification teaches students to select, assemble, set up and maintain simple renewable energy equipment and systems.

#### Career opportunities

Graduates are equipped to enter the Certificate III in Electrical. The Certificate II also provides pathways for secondary school students and VET students looking for a career in electrical.

## APPRENTICESHIPS

## Automotive

### Certificate III in Automotive Mechanical Technology

**Campus:** Lilydale, Wantirna  
**Duration:** Three years part-time  
**Prerequisite:** At least 15 years of age and apprenticed to an employer.  
**Application:** Direct

#### Major study areas

- Engine and drive management systems
- Repairing engines and transmissions
- Workplace tools and equipment
- Repairing electrical circuits
- Repairing steering and suspension systems

#### Career outcome

Employment as a motor mechanic.

### Certificate III in Automotive Specialist specialising in LPG Gas Installation/Repair

**Campus:** Lilydale, Wantirna  
**Duration:** Three years part-time  
**Prerequisite:** At least 15 years of age and apprenticed to an employer in the LPG specialist field. This qualification is also offered to qualified motor mechanics through RPL and gap training.  
**Application:** Direct

#### Major study areas

You will learn about the installation, repair and servicing of automotive LPG systems and components. This course is the minimum qualification required by automotive tradespeople seeking AAFRB accreditation.

#### Career outcome

Employment as a specialist motor mechanic repairing gas-powered vehicles.

## Electrical

### Certificate III in Electrotechnology Electrician

**Campus:** Croydon, Wantirna  
**Duration:** Three years part time, with the licensing requirements to be completed in the fourth year  
**Prerequisite:** At least 15 years of age and apprenticed to an employer.  
**Application:** Direct

This course is designed for people who are employed as electrical apprentices. Students complete practical and theory units to develop the necessary skills and knowledge to work at trade level within the electrical industry.

#### Major study areas

- Applying OH&S practices in the workplace
- Installing low-voltage electrical apparatus and associated equipment
- Solving problems in single- and three-phase low-voltage circuits
- Installing wiring and accessories for low-voltage circuits
- Selecting and arranging equipment for general electrical installation

#### Career outcome

A class electrician's license.

## Engineering

### Certificate III in Engineering – Mechanical Trade

**Campus:** Hawthorn, Wantirna  
**Duration:** Competency-based, up to three years part-time  
**Prerequisite:** At least 15 years of age and apprenticed to an employer.  
**Application:** Direct

#### Major study areas

- OH&S
- Performing general machining
- Hand and power tools and measuring equipment
- Welding
- Engineering drawing
- Operating computer-controlled machines

#### Career outcome

Employment as a metal tradesperson in industries such as manufacturing, maintenance, repairs, jobbing and general engineering.

## General Construction

### Certificate III in Bricklaying and Blocklaying

### Certificate III in Carpentry

### Certificate III in Painting and Decorating

**Campus:** Croydon

**Duration:** Three years part-time

**Prerequisite:** At least 15 years of age and apprenticed to an employer.

**Application:** Direct

#### Major study areas

- OH&S
- Hand and power tools
- Drawing
- Frameworks
- Demolition
- Small plant and equipment

#### Career outcome

Employment as a bricklayer, carpenter painter and decorator or subcontractor, or self-employment.

## Horticulture

### Certificate III in Floristry

### Certificate III in Horticulture (Landscape)

### Certificate III in Horticulture (Parks and Gardens)

### Certificate III in Horticulture (Retail Nursery)

### Certificate III in Horticulture (Turf)

### Certificate III in Horticulture (Wholesale Nursery)

**Campus:** Wantirna

**Duration:** Three years part-time

**Prerequisite:** At least 15 years of age and apprenticed to an employer.

**Application:** Direct

#### Major study areas

The format of these courses is presently under review in order to maintain industry relevance. For the most up-to-date information on the major study areas, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

#### Career outcome

Employment as a qualified florist, landscaper, gardens tradesperson, greens keeper or retail/wholesale nursery worker.

## Hospitality

### Certificate III in Hospitality (Commercial Cookery)

**Campus:** Lilydale, Prahran

**Duration:** Three years part-time

**Prerequisite:** Year 10/11 or mature age and apprenticed to an employer.

**Application:** Direct

#### Major study areas

- Industry knowledge
- OH&S and food safety
- Specialist methods of cookery
- Kitchen operations

#### Career outcome

Employment as a qualified commercial cook.

## Plumbing

### Certificate III in Plumbing

**Campus:** Croydon

**Duration:** Three years part-time

**Prerequisite:** Satisfactory completion of Victorian Year 10 or equivalent and employed as an apprentice plumber.

**Application:** Direct

#### Major study areas

- Gas installation
- Scaffolding
- OH&S
- Sanitation and drainage
- Roofing water supply
- Hand and power tools

#### Career outcome

Certificate III in Plumbing, together with on-the-job training, meets the Plumbing Industry Commission's requirements for application to be registered as a plumber in Victoria.

## TRAINEESHIPS

## Aged Care

### Certificate III in Aged Care

**Campus:** Croydon, workplace

**Duration:** One year full-time

**Prerequisite:** Employed in an aged care facility as a trainee.

**Application:** Direct

#### Major study areas

- Personal care
- Health
- Safety
- First aid

#### Career outcome

Employment in aged care facilities.

## Automotive

### Certificate II in Automotive Mechanical specialising in Air-Conditioning

**Campus:** Lilydale, Wantirna

**Duration:** Eighteen months part-time

**Prerequisite:** Employed in the automotive air-conditioning industry as a trainee.

**Application:** Direct

#### Major study areas

- OH&S
- Repair of electric circuits
- Workplace tools and equipment
- Servicing, repair and diagnosis of air-conditioning systems

#### Career outcome

Employment as a registered automotive air-conditioning fitter or repairer.

### Certificate II in Automotive Vehicle Servicing

**Campus:** Lilydale, Wantirna

**Duration:** Eighteen months part-time

**Prerequisite:** At least 15 years of age and employed as an apprentice in the automotive industry.

**Application:** Direct

#### Major study areas

- Safe working practices
- Vehicle service
- Welding
- Electrical test equipment
- Workplace tools and measuring equipment

#### Career outcome

Pathway to Certificate III in Automotive.

## Business

### Certificate II/III/IV in Business

**Campus:** Workplace

**Duration:** Up to one year full-time, or up to 18 months part-time for each level

**Prerequisite:** Successful completion of Year 12 or equivalent, or mature age and employed in the business sector as a trainee.

**Application:** Direct

#### Major study areas

- General organisational procedures
- Business software
- Personal skills development

#### Career outcome

*Certificate II* – employment as administrative assistant, clerical worker, data entry operator, information desk clerk, office junior or receptionist.

*Certificate III* – employment as customer service adviser, data entry operator general clerk payroll officer, typist or word processing operator.

*Certificate IV* – employment as office administrator or project officer.

## Business Administration

### Certificate III/IV in Business Administration

**Campus:** Workplace

**Duration:** Twelve months

**Prerequisite:** Employed in the business sector as a trainee.

**Application:** Direct

#### Major study areas

- Organising meetings
- Organising travel
- Complex spreadsheets
- Delivering a presentation

#### Career outcome

Employment as an administrative assistant or corporate receptionist.

# Apprenticeships and Traineeships

continued

## TRAINEESHIPS *continued*

### Childcare

#### Certificate III in Children's Services

**Campus:** Lilydale, Prahran, workplace

**Duration:** One year part-time

**Prerequisite:** Employed in the children's services industry as a trainee.

**Application:** Direct

##### Major study areas

- Child development
- Health

##### Career outcome

Employment in a range of children's services including long day care (0–6 years), occasional care (0–6 years) or family day care.

#### Diploma of Children's Services

**Campus:** Lilydale, Prahran, workplace

**Duration:** Two years part-time

**Prerequisite:** Employed in the children's services industry as a trainee.

**Application:** Direct

##### Major study areas

- Developmental studies
- Program play and curriculum studies
- Professional, family and community studies

##### Career outcome

Employment in a range of early childhood services – long day care, occasional care, family day care, early learning centres or kindergartens.

### Childcare – Out of School Hours Care

#### Certificate IV/Diploma of Out of School Hours Care

**Campus:** Off-campus, online, workplace

**Duration:** *Certificate IV* – One year part-time;

*Diploma* – Two years part-time

**Prerequisite:** Employed in an out of school hours care program as a trainee.

**Application:** Direct

##### Major study areas

- Child development
- Health
- Program play and curriculum studies
- Professional, family and community studies

##### Career outcome

Employment in before-school care, after-school care or holiday care.

Uni degree TAFE course

### Disability Services

#### Certificate IV in Disability

**Campus:** Croydon, online, workplace

**Duration:** One year full-time – flexible delivery

**Prerequisite:** Employed in the disability sector as a trainee.

**Application:** Direct

This is a base qualification for workers in disability sector, and provides training for those working with people with disabilities.

##### Major study areas

- Community participation
- Person-centred care
- Active support
- Direct care support
- Holistic care

##### Career outcome

Employment in community residential services, adult support services, employment services, community settings and the homes of service users.

### Engineering

#### Certificate III in Engineering – Production Systems

**Campus:** Hawthorn, Wantirna

**Duration:** Up to three years part-time, competency-based completion

**Prerequisite:** Satisfactory completion of Victorian Year 10 or equivalent and employed as a mechanical or fabrication trainee.

**Application:** Direct

##### Major study areas

- OH&S
- Using hand and power tools
- Welding
- Using workshop machines
- Performing routine sharpening of tools
- Interpreting technical drawings

##### Career outcome

Employment as a production worker in mechanical engineering and fabrication.

### Fire Protection Equipment

#### Certificate II/III in Asset Maintenance (Fire Protection Equipment)

**Campus:** Croydon

**Duration:** *Certificate II* – One year part-time

*Certificate III* – Two years part-time

**Prerequisite:** Satisfactory completion of Victorian Year 10 or equivalent, or mature age and working in the industry.

**Application:** Direct

##### Major study areas

- Safely moving materials and loads in the workplace
- Using portable fire-fighting equipment
- Inspecting, testing and replacing fire-hose reels in the field
- Working effectively in the fire protection industry
- Facilitating effective client relationships

##### Career outcome

Employment in fire protection.

#### Certificate IV in Asset Maintenance (Fire Safety Systems Inspection)

**Campus:** Croydon

**Duration:** Eighteen months part-time (block workshops)

**Prerequisites:** Certificate III in Asset Maintenance (Fire Protection Equipment) or similar qualification, or demonstrated industry knowledge and skills and working in industry.

**Application:** Direct

This course provides entry-level preparation for auditing and inspection of structural fire safety systems. It provides the underpinning knowledge and skills to work in the fire safety systems inspection sector.

##### Major study areas

- Communicating effectively with fire safety systems personnel
- Identifying fire safety system inspection requirements
- Reviewing pre-installation fire safety system documentation
- Assessing fire safety system documentation for compliance

##### Career outcome

This course will equip you to reach entry level for the role of fire safety systems inspector in the fire protection industry.

### Fitness

#### Certificate III/IV in Fitness

**Campus:** Workplace

**Duration:** One year full-time

**Prerequisite:** Employment within the fitness industry.

**Application:** Direct

##### Major study areas

- Addressing client needs
- Fitness programs
- Facilitating a group
- Instructing fitness activity

##### Career outcome

Employment or self-employment in the fitness industry as a fitness instructor, personal trainer, aqua trainer or fitness specialist.

### Forest Growing and Management

#### Certificate II/III in Forest Growing and Management

**Campus:** Croydon

**Duration:** *Certificate II* – 18 months full-time

*Certificate III* – 24 months full-time

**Prerequisite:** Literacy and numeracy skills sufficient to undertake learning associated with the qualifications, and working in industry.

**Application:** Direct

##### Major study areas

These qualifications are designed to develop skills and knowledge for forest maintenance workers with particular focus on the skills and knowledge for fire prevention and firefighting for forests.

##### Career outcome

Employment as project (summer) firefighter, assistant to forest operator, field maintenance crew or forest contractor in organisations such as the Department of Sustainability and Environment or Parks Victoria.

## Gas Operations

### Certificate III in Gas Industry Operations

**Campus:** Workplace

**Duration:** Up to two years part-time

**Prerequisite:** Employed in the gas utilities industry.

**Application:** Direct

This course is designed for gas industry personnel involved in the construction, maintenance and operation of the gas transmission and distribution network.

#### Major study areas

- Gas transmission
- Gas distribution
- Gas operations
- Utilities

#### Career outcome

Employment in the gas construction and maintenance industry in roles such as team leader or supervisor, and contract employment in gas transmission, distribution and systems operation.

## Government

### Certificate II/III/IV in Local Government

**Campus:** Workplace

**Duration:** *Certificate II* – 12 months

*Certificate III* – 18 months

*Certificate IV* – 24 months

**Prerequisites:** Employed in local government.

**Application:** Direct

#### Major study areas

- Community engagement
- Team skills
- Personal development

#### Career outcome

Employment as a general administrator or leader in local government.

### Certificate IV in Local Government (Planning)

**Campus:** Workplace

**Duration:** Two years (12 to 18 months of training and assessment)

**Prerequisite:** Employed in local government planning office, government planning department, or private enterprise town planning department.

**Application:** Direct

#### Major study areas

- Planning scheme
- Team skills
- Personal development
- Project management

#### Career outcome

Employment as a general administrator or leader in government or local government planning department.

### Certificate IV in Government

**Campus:** Workplace

**Duration:** Two years (12 to 18 months of training and assessment)

**Prerequisite:** Employed in government sector.

**Application:** Direct

#### Major study areas

- Specific job/role skills
- Project management
- Team skills
- Personal development

#### Career outcome

Employment as a general administrator or leader in a government department.

### Certificate IV in Government (Statutory Compliance)

**Campus:** Workplace

**Duration:** Two years (12 to 18 months of training and assessment)

**Prerequisite:** Employed in local government enforcement role or local laws.

**Application:** Direct

#### Major study areas

- Local laws
- Team skills
- Personal development

#### Career outcome

Employment as a general administrator or leader in local government local laws department.

## Health

### Certificate III in Health Services Assistance

**Campus:** Croydon, workplace

**Duration:** Six months part-time

**Prerequisite:** Employed in a hospital, respite care facility or residential care as a trainee.

**Application:** Direct

#### Major study areas

- Health
- Body systems
- Medical terminology and equipment
- Infection control policies and procedures
- Client support, movement and transport

#### Career outcome

Employment in a hospital, respite care facility or residential care.

### Certificate IV in Allied Health Assistance

**Campus:** Croydon, workplace

**Duration:** One year part-time

**Prerequisite:** Employed in a hospital, community health centre, rehabilitation facility or allied health clinic as a trainee.

**Application:** Direct

#### Major study areas

- Health
- Body systems
- Medical terminology and equipment
- Infection control policies and procedures
- Client support, movement and transport
- Areas of specialist allied health
- Rehabilitation

#### Career outcome

Employment in a hospital, community health centre, rehabilitation facility or allied health clinic.

### Certificate IV in Massage Therapy Practice

**Campus:** Croydon, workplace

**Duration:** One year part-time

**Prerequisite:** Employed in a massage or health and sport clinic as a trainee.

**Application:** Direct

#### Major study areas

- Health
- Body systems
- Massage treatments
- Infection control policies and practices

#### Career outcome

Employment in a massage or health and sport clinic.

## Horticulture

### Certificate II in Horticulture

**Campus:** Wantirna

**Duration:** Twelve to 18 months part-time

**Prerequisite:** At least 15 years of age and employed in the horticulture industry as a trainee.

**Application:** Direct

#### Major study areas

The format of this course is presently under review in order to maintain its industry relevance. For the most up-to-date information on the major study areas please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

#### Career outcome

Employment in the horticulture industry in floriculture, landscape, nursery, production horticulture (viticulture), parks and gardens or turf.

### Certificate III in Horticulture (Floriculture)

**Campus:** Wantirna

**Duration:** Three years part-time

**Prerequisite:** At least 15 years of age and employed in the horticulture industry as a trainee.

**Application:** Direct

#### Major study areas

The format of this course is presently under review in order to maintain industry relevance. For the most up-to-date information on the major study areas, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

#### Career outcome

Employment as a qualified flower grower.



# Apprenticeships and Traineeships

continued

## TRAINEESHIPS *continued*

### Hospitality

#### Certificate III in Hospitality

**Campus:** Lilydale, Prahran

**Duration:** Up to two years

**Prerequisite:** Year 10/11 or mature age and employed as a trainee.

**Application:** Direct

##### Major study areas

- Industry knowledge
- OH&S and food safety
- Food and beverage service
- Quality customer service

##### Career outcome

Employment as a hospitality worker.

### Information Technology

Information technology trainees develop their skills on the job, with support from a workplace mentor and a Swinburne teacher. Students develop a work-based evidence portfolio which forms the major part of their assessment. To assist with this process, trainees are expected to join other IT trainees (who will be working in similar roles) on campus one day per month. The trainee and employer have the flexibility to construct a program that best meets the trainee's on-the-job tasks.

#### Certificate I/II/III in Information Technology

**Campus:** *Certificate I and II* – Croydon, Healesville, Lilydale, Wantirna

*Certificate III* – Croydon, Hawthorn, Healesville, Lilydale, Wantirna, workplace

**Duration:** *Certificate I and II* – Up to one year part-time  
*Certificate III* – Six months full-time or up to two years part-time

**Prerequisite:** *Certificate I* – None;

*Certificate II* – Certificate I in Information Technology or basic computer skills;

*Certificate III* – Satisfactory completion of Victorian Year 11 or equivalent and employed in the information technology industry as a trainee.

**Application:** Direct

Certificate I provides basic training in word processing, spreadsheets, databases, PowerPoint and using the internet. Certificate II is designed for those who use computer software packages in a business or at home, or who lack the formal qualifications required for entry to more advanced programs.

##### Major study areas

- Using basic and advanced features of Microsoft Office programs
- Using the internet

##### Career outcome

*Certificate I and II* – Employment in the field, or entry to more advanced programs.

*Certificate III* – Employment in network administration or system management.

Uni degree TAFE course

#### Certificate IV in Information Technology (General)

**Campus:** Hawthorn, Lilydale, Wantirna, workplace

**Duration:** One year full-time or equivalent part-time

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, or mature age.

**Application:** Direct (all intakes) or VTAC (February start)

This course provides students with significant exposure to the major operating environment such as Microsoft Server, Novell Netware Server and Linux.

##### Major study areas

- Microsoft server administration
- Novell Netware server administration
- Linux administration
- Client support through IT essential content
- Process automation (networking focus) using PowerShell
- Basic database server handling (networking focus)

##### Career outcome

Employment in network administration, system management, client support and helpdesk and IT support. Employment outcomes depend on the subject streams studied. Graduates can also continue to both the Diploma of Information Technology (Networking) and the Diploma of Information Technology (Systems Administration).

#### Certificate IV in Information Technology (Networking)

**Campus:** Workplace

**Duration:** Up to two years

**Prerequisite:** Satisfactory completion of Victorian Year 11 or equivalent and employed in the information technology industry as a trainee.

**Application:** Direct

##### Career outcome

Employment in network administration and system management.

#### Certificate IV in Information Technology (Programming)

**Campus:** Workplace

**Duration:** Up to two years

**Prerequisite:** Satisfactory completion of Victorian Year 12 or equivalent, and employed in the IT industry as a trainee.

**Application:** Direct

##### Career outcome

Employment in programming and games programming.

#### Certificate IV in Information Technology (Support)

**Campus:** Workplace

**Duration:** Up to two years

**Prerequisite:** Satisfactory completion of Victorian Year 11 or equivalent, and employed in the information technology industry as a trainee.

**Application:** Direct

##### Career outcome

This course prepares students for employment in helpdesk and IT support.

### Laboratory Operations

#### Certificate III in Laboratory Skills

#### Certificate IV in Laboratory Techniques

**Campus:** Workplace

**Duration:** *Certificate III* – One to two years part-time;

*Certificate IV* – 18 months to three years part-time

**Prerequisite:** Employed in the laboratory technology industry as a trainee.

**Application:** Direct

These courses provide specialised education and workplace training for scientific/technical laboratory support staff, including laboratory assistants, laboratory attendants and instrument/process operators.

##### Major study areas

For the most up-to-date information on major study areas that you will cover, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

##### Career outcome

*Certificate III* – Employment as a qualified laboratory assistant or laboratory attendant worker.

*Certificate IV* – Employment as a qualified laboratory assistant technician or attendant/process operator.

### Library and Information Services

#### Certificate III in Library / Information Services

**Campus:** Online, workplace

**Duration:** School-based (up to three years);

Full-time trainee (12 months)

**Prerequisite:** Employed in a library as a trainee

**Application:** Direct

##### Major study areas

- Circulation services
- Cataloguing procedures
- Library technologies
- Information literacy
- Information agencies
- Library procedures

##### Career outcome

Employment as a library technician assistant.

#### Certificate IV in Library/Information Services

**Campus:** Online, workplace

**Duration:** Full-time trainee (12 months)

**Prerequisite:** Employed in a library as a trainee.

**Application:** Direct

##### Major study areas

- Small group training
- Cataloguing procedures
- Web maintenance
- Research skills
- Library marketing

##### Career outcome

Employment as a library technician assistant.

## Diploma of Library/Information Services

**Campus:** Online, workplace

**Duration:** Full-time trainee (12 months)

**Prerequisite:** Employed in a library as a trainee

**Application:** Direct

### Major study areas

- Small group training
- Cataloguing electronic resources
- Collection management
- Managing work relations
- Research skills
- Digital archiving

### Career outcome

Employment as a library technician.

## Manufacturing

See the Certificate III in Process Manufacturing, Certificate III in Competitive Manufacturing, Certificate IV in Competitive Manufacturing and Diploma of Competitive Manufacturing apprenticeship entries on page 58.

## Medical Administration

### Certificate III in Business (Medical Administration)

**Campus:** Workplace

**Duration:** Twelve to 18 months part-time

**Prerequisite:** Employed in the medical industry as a trainee.

**Application:** Direct

### Major study areas

This course aims to give you employment opportunities in medical fields through a wide range of subjects to develop your knowledge and skills. The course includes vocational placement and a workshop in the medical industry.

### Career outcome

Employment as a medical receptionist, medical administrator or secretary.

## Recreation

### Certificate III in Community Recreation

**Campus:** Workplace

**Duration:** One year full-time

**Prerequisite:** At least 15 years of age and employed as a trainee.

**Application:** Direct

### Major study areas

The format of this course is presently under review in order to maintain its industry relevance. For the most up-to-date information on major study areas that you will cover, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

### Career outcome

Employment in community centres and local government.

## Certificate II/III/IV in Sport and Recreation

**Campus:** Workplace

**Duration:** One year full-time

**Prerequisite:** At least 15 years of age and employed as a trainee.

**Application:** Direct

### Major study areas

The format of this course is presently under review in order to maintain its industry relevance. For the most up-to-date information on major study areas that you will cover, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

### Career outcome

Employment in sport administration or in a sport and recreation organisation.

### Certificate II/III in Sport (Officiating)

**Campus:** Workplace

**Duration:** One year full-time

**Prerequisite:** At least 15 years of age and employed as a trainee.

**Application:** Direct

### Major study areas

The format of this course is presently under review in order to maintain its industry relevance. For the most up-to-date information on major study areas that you will cover, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

### Career outcome

Employment in sporting events through the application of a specific sport's rules and regulations.

## Retail

### Certificate II in Retail

### Certificate III in Retail

**Campus:** *Certificate II* – Workplace

*Certificate III* – Prahran and workplace

**Duration:** *Certificate II* – One year part-time in workplace;

*Certificate III* – Six months on campus

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

### Major study areas

Retail operations, incorporating duties at the front and back of retail outlets.

### Career outcome

Employment in retail sales and operations.

## Road Transport

### Certificate III/IV in Transport and Logistics (Road Transport)

New

**Campus:** Workplace

**Duration:** *Certificate III* – One to two years part-time

*Certificate IV* – Two years part-time

**Prerequisite:** Satisfactory completion of Year 10 or equivalent, or mature age, and currently employed in the transport and logistics industry.

**Application:** Direct

This course has been developed with industry assistance to provide a broad range of skills and knowledge that a freight handler, team leader or manager would require within the road transport industry.

### Major study areas

- Evaluating and analysing current practices
- Developing new criteria and procedures
- Leadership

### Career opportunities

This course will provide the skills and knowledge for graduates to work as a truck driver, freight handler or team leader in freight logistics within the road transport industry.

## Viticulture

### Certificate II/III in Food Processing (Wine)

**Campus:** Lilydale

**Duration:** One to three years part-time

**Prerequisite:** Employed in the viticulture industry as a trainee.

**Application:** Direct

### Major study areas

The format of this course is presently under review in order to maintain its industry relevance. For the most up-to-date information on the major study areas, please see [www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

### Career outcome

Employment as a qualified wine industry worker.

## Warehousing and Storage

### Certificate III/IV in Transport and Logistics (Warehousing and Storage)

**Campus:** Workplace

**Duration:** *Certificate III* – One to two years part-time;

*Certificate IV* – Two years part-time

**Prerequisite:** Satisfactory completion of Year 10 or equivalent, or mature age, and currently employed in the warehousing industry as a trainee.

**Application:** Direct

### Major study areas

- OH&S
- Workplace communication
- Warehouse operations
- Materials handling
- Leadership
- Customer service

### Career outcome

Employment as a storeperson or inventory controller with promotional prospects to a warehouse supervisor or team leader.

# Preparatory and English Language Programs

## Course information

[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

## Any questions?

1300 275 794

Uni degree TAFE course

## Bridging Science

### Certificate IV in Science incorporating Certificate III

**Campus:** Hawthorn

**Duration:** One year full-time or equivalent part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct (all intakes) or VTAC (February start)

Through this course, you will gain skills in the areas of mathematics, science, computing and communication. These skills may be required to undertake further studies, fulfil career aspirations or improve employment opportunities.

### Career opportunities

Improved access to career fields such as applied science, information technology, engineering, nursing, paramedical and alternative medicine. You will also be well prepared for further study in either higher education or related VET programs.

## English Language

### Certificate I/II/III in Spoken and Written English

**Campus:** Croydon, Hawthorn, Lilydale, Prahran, Wantirna

**Duration:** Up to 20 weeks full-time (varies according to campus and level)

**Prerequisite:** English is not the first language.

**Application:** Direct

These courses focus on general language development, oral and written skills related to a range of contexts from beginner to post-beginner and pre-intermediate levels. They also focus on settlement issues. Certificate III has greater focus on further study or work preparation.

### Certificate III in ESL (Access)

**Campus:** Wantirna

**Duration:** Nineteen to 23 weeks full-time or 38 weeks part-time

**Prerequisite:** English is not the first language.

**Application:** Direct

As a student from a non-English speaking background, you will develop intermediate to upper-intermediate levels of English in listening, speaking, reading and writing. You will undertake electives related to the Australian workplace or further study.

### Certificate IV in ESL (Further Study)

**Campus:** Hawthorn and Prahran

**Duration:** Nineteen weeks full-time or 38 weeks part-time

**Prerequisite:** English is not the first language.

**Application:** Direct

As a student from a non-English speaking background, you will develop upper-intermediate to advanced levels of English in listening, speaking, reading and writing. You will undertake electives related to the Australian workplace or further study.

## General Education for Adults

### Course in Initial General Education for Adults

### Certificate I in General Education for Adults (Introductory)

### Certificate I/II/III in General Education for Adults

**Campus:** *Course* – Croydon, Lilydale, Wantirna; *Certificate I (Introductory) and I/II/III* – Croydon, Lilydale, Prahran, Wantirna

**Duration:** Twenty weeks full-time, part-time available

**Prerequisite:** Students may enter at a range of skill levels, but must be able to speak some English.

**Application:** Direct

These courses focus on improving your skills in reading, writing, mathematics, oral communication and computers. There is also a strong emphasis on improving self-confidence, developing further training and vocational pathways and preparing for employment.

### Career opportunities

You will be encouraged to pursue employment or, where appropriate, further studies and training.

## Indigenous

### Certificate I/II/III in Mumgu-dhal tyama-tiyt

**Campus:** External venue (community venue)

**Duration:** Varies; part-time

**Prerequisite:** Students must be at least 16 years of age.

**Application:** Direct

These courses provide accredited training for Indigenous Australians (aged 16–25) who want to develop their skills in order to access further education, training or employment.

### Career opportunities

You will be encouraged to pursue employment or, where appropriate, further studies and training.

### Certificate IV in Youth Work

**Campus:** External venue

**Duration:** One year full-time (flexible delivery)

**Prerequisite:** Applicants are required to demonstrate personal maturity and aptitude for involvement in the course. Paid or unpaid experience relevant to the course is an advantage.

**Application:** Direct to Swinburne or partner Indigenous organisation

This course is designed for Indigenous applicants, and covers the development and facilitation of programs for youth. The course is designed to provide skills and knowledge to address the social, behavioural, health, welfare and developmental protection needs of young people. All resource material is culturally appropriate and consultation with Indigenous organisations is key to the success of the program.

To graduate from this program you will be required to successfully complete assessments and work placements (paid or volunteer), for which you will be required to obtain police checks.

### Career opportunities

Employment as a residential care worker, family support worker, youth case-management worker, children/youth support worker, community development worker (youth), youth worker, foster parent/carer or Indigenous youth worker.

## Information Technology

### Certificate I in Information Technology

### Certificate II in Information Technology

**Campus:** Croydon, Healesville, Lilydale, Wantirna

**Duration:** Up to one year part-time

**Prerequisite:** There are no prerequisites for Certificate I. Certificate I is a prerequisite for Certificate II.

**Application:** Direct

Certificate I is suitable for those who require a basic knowledge of the Microsoft Office products. It provides training in word processing, spreadsheets, databases, PowerPoint and using the internet. Certificate II is for those who use computer software packages in a business or at home, and are seeking computing and information technology skills but lack formal qualifications needed for entry to more advanced programs.

## Learning Links/Study Skills

### Course in Concurrent Study

**Campus:** Croydon, Hawthorn, Lilydale, Prahran, Wantirna

**Duration:** Equal to the duration of any mainstream TAFE course

**Prerequisite:** Permanent residents enrolled in a TAFE diploma or certificate course are eligible for study skills, language, literacy and mathematics support. Higher Education (degree) students are also eligible for study skills support.

**Application:** Direct

This course supports you in pursuing your mainstream course with confidence. Topics covered include learning how to read and take notes more efficiently, becoming more competent in mathematics, identifying key elements of work requirements, planning and presenting written and oral reports, managing study time, setting realistic study goals, working well in groups and using a variety of resources. For most students, study support is available throughout the year free of charge.

## Liberal Arts

See the Diploma of Liberal Arts on page 30.

## Multimedia

### Certificate II in Creative Industries (Media)

**Campus:** Lilydale

**Duration:** One year part-time

**Prerequisite:** There are no formal entry requirements

**Application:** Direct

You will be given a basic foundation in multimedia design and related interactive multimedia studies.

### Career opportunities

Employment may be found in the areas of multimedia design, web design, new media arts, 2D animation, visual art studio practice and the screen arts industries.

## Transition Education

### Certificate I in Transition Education

**Campus:** Hawthorn, Wantirna

**Duration:** One year full-time

**Prerequisite:** Students must be at least 16 years of age.

**Application:** Direct

This course for students with special learning needs provides an introduction to the TAFE environment and encourages students to pursue further vocational training or supported or volunteer employment.

## VCAL

### Victorian Certificate of Applied Learning – Intermediate and Senior Level

**Campus:** Croydon, Prahran, Wantirna

**Duration:** One year full-time

**Prerequisite:** Applicants should be aged 16 to 19 and have completed Year 10. They should have left or be leaving school.

**Application:** Direct

The VCAL program is a senior-school certificate based on vocationally orientated applied learning principles, and may include one of the following TAFE certificates:

- Business
- Carpentry
- Child Care
- Child Care for Young Mums
- Core VCAL
- Multimedia
- Plumbing
- Retail Beauty
- Sustainability

The VCAL course is a flexible program that may allow you to study other vocational certificates not listed, while studying the core VCAL certificate.

## Work Education

### Certificate I in Work Education

**Campus:** Hawthorn, Lilydale, Wantirna

**Duration:** Two years full-time

**Prerequisite:** Applicants should have special learning needs with a focus on an intellectual and/or learning disability; have the potential for open employment or further training; and be at least 16 years of age.

**Application:** Direct

This post-school course for students with special learning needs will prepare students for mainstream employment involving routine tasks, further vocational training. This course includes a practical placement component.

# Vocational Education and Training Practice

Course information  
[www.swinburne.edu.au/courses](http://www.swinburne.edu.au/courses)

Any questions?  
1300 275 794

Uni degree TAFE course

## Career Development

### Certificate IV in Career Development

**Campus:** Online

**Duration:** Self-paced – six months to one year

**Prerequisites:** Applicants must be working as a career practitioner.

**Application:** Direct

This course is designed for workers who provide a range of programs and services to individuals, groups of clients and employers. You will develop skills to support your clients in planning their career or locating, securing and maintaining suitable employment.

#### Career opportunities

Graduates may find employment as a career information officer, career and transition services coordinator, school careers adviser, recruitment consultant or rehabilitation counsellor.

#### Professional recognition

The Certificate IV in Career Development has been identified as the minimum qualification for eligibility for associate membership of the Career Industry Council of Australia (CICA).

## Training and Assessment

### Certificate IV in Training and Assessment

**Campus:** Hawthorn, Lilydale, Wantirna, Prahran and Workplace

**Duration:** Approximately eight to 11 months part-time

**Prerequisite:** There are no formal entry requirements.

**Application:** Direct

This qualification is the minimum required to teach or assess accredited programs under the Australian Quality Training Framework (AQTF) and is highly desirable for any person seeking to teach at a TAFE or with other registered training providers. This qualification is also required in some workplaces not delivering accredited training but wishing to meet current standards.

#### Career opportunities

Graduates may seek employment in training design and delivery, coaching or assessing roles in industry, government organisations and recognised training organisations.

### Diploma of Training and Assessment

**Campus:** Wantirna, workplace

**Duration:** Approximately eight to 12 months part-time

**Prerequisite:** Certificate IV in Training and Assessment or equivalent competence.

**Application:** Direct

This course provides students with the competencies required to engage in advanced training and assessment practice, which may also include development of training products, provision of training advisory and consultancy services and leadership and co-ordination of training and assessment services.

#### Career opportunities

Management role in a registered training organisation.

## VET Practice

### Diploma of Vocational Education and Training Practice

**Campus:** Wantirna, workplace

**Duration:** Approximately 12 to 18 months part-time

**Prerequisites:** Certificate IV in Training and Assessment. All students must be working in a teaching capacity within a TAFE or registered training organisation, and have an agreed commitment from workplace mentors or supervisors.

**Application:** Direct

This diploma is designed for TAFE teachers and provides for professional growth within a recognised career structure in Victoria.

This course will provide skills and knowledge necessary to teach and assess effectively across a range of VET-related contexts, facilitate new insights and problem-solving when working with learners, manage the learning process, undertake effective self-assessment and research teaching methodologies and relevant theoretical knowledge.

#### Career opportunities

This qualification is aligned with Australian Qualifications Framework (AQF) level 5. Graduates are eligible for consideration for progression beyond the fourth incremental point in the teacher classification as outlined in the current Victorian TAFE Teachers Award.



# Course index

## Quick reference guide

### KEY

ATAR		PREREQUISITES		CAMPUSES		DURATION		APPLY	
n/a	Data not available	MATH	Mathematics	C	Croydon	Courses are full-time or part-time in years, unless specified as months, weeks or hours.		V	VTAC
New	New course	MATH METH	Mathematical Methods	EV	External Venue			D	Direct
RC	Range of criteria	SPEC MATH	Specialist Mathematics	H	Hawthorn				
				HV	Healesville				
				L	Lilydale				
				OC	Off-campus				
				OL	Online				
				P	Prahran				
				W	Wantima				
				WP	Workplace				
						m	Months		
						w	Weeks		
						h	Hours		
						F	Full-time		
						P	Part-time		

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>ARTS, PSYCHOLOGY AND SOCIAL SCIENCE – UNIVERSITY DEGREES</b>							
<b>Advertising</b>	Bachelor of Communication (Advertising)	65.40	20 in English (any)	L and P	3F 6P	D or V	29
<b>Arts</b>	Bachelor of Arts	65.00	20 in English (any)	H	3F 6P	D or V	29
<b>Communication</b>	Bachelor of Communication	71.00	20 in English (any)	L and P	3F 6P	D or V	29
<b>Communication/Social Science</b>	Bachelor of Communication/Bachelor of Social Science	72.10	20 in English (any)	L and P	4F 8P	D or V	30
<b>Journalism</b>	Bachelor of Arts (Journalism)	70.05	20 in English (any)	H	3F 6P	D or V	30
<b>Media and Communications</b>	Bachelor of Arts (Media)	65.25	20 in English (any)	H	3F 6P	D or V	30
	Bachelor of Arts (Media and Communications)	65.25	20 in English (any)	H	3F 6P	D or V	30
<b>Media Studies</b>	Bachelor of Communication (Media Studies)	65.40	20 in English (any)	L and P	3F 6P	D or V	31
	Bachelor of Social Science (Media Studies)	n/a	20 in English (any)	L	3F 6P	D or V	31
<b>Politics and Public Policy</b>	Bachelor of Arts (Politics and Public Policy)	65.25	20 in English (any)	H	3F 6P	D or V	31
	Bachelor of Social Science (Politics and Public Policy)	65.25	20 in English (any)	H	3F 6P	D or V	31
<b>Psychology</b>	Bachelor of Arts (Psychology)	70.00	20 in English (any)	H	3F 6P	D or V	32
	Bachelor of Science (Psychology)	70.85	20 in English (any) and MATH (any)	H	3F 6P	D or V	32
	Bachelor of Social Science (Psychology)	70.05	20 in English (any)	H	3F 6P	D or V	32
	Bachelor of Social Science (Psychology)	60.25	20 in English (any)	L	3F 6P	D or V	32
<b>Psychology – Forensic</b>	Bachelor of Arts (Psychology and Forensic Psychology)	72.00	20 in English (any)	H	3F 6P	D or V	32
	Bachelor of Social Science (Psychology and Forensic Psychology)	72.55	20 in English (any)	H	3F 6P	D or V	33
<b>Psychology and Psychophysiology</b>	Bachelor of Arts (Psychology and Psychophysiology)	72.20	20 in English (any) and MATH (any)	H	3F 6P	D or V	33
	Bachelor of Science (Psychology and Psychophysiology)	72.05	20 in English (any) and MATH (any)	H	3F 6P	D or V	33
<b>Public Relations</b>	Bachelor of Communication (Public Relations)	65.05	20 in English (any)	L and P	3F 6P	D or V	33
	Bachelor of Social Science (Public Relations)	n/a	20 in English (any)	L	3F 6P	D or V	33
<b>Social Science</b>	Bachelor of Social Science	65.40	20 in English (any)	H	3F 6P	D or V	34
	Bachelor of Social Science	55.90	20 in English (any)	L	3F 6P	D or V	34
<b>Sociology</b>	Bachelor of Arts (Sociology)	65.90	20 in English (any)	H	3F 6P	D or V	34
	Bachelor of Social Science (Sociology)	65.90	20 in English (any)	H	3F 6P	D or V	34
	Bachelor of Social Science (Sociology)	n/a	20 in English (any)	L	3F 6P	D or V	35
<b>Dean's Scholarship</b>	Dean's Scholarship – Lilydale	89.90	20 in English (any)	L	Varies	D or V	35
<b>Vice-Chancellor's Scholarship</b>	Vice-Chancellor's Arts and Social Sciences Scholarship	97.45	Minimum ATAR of 97.00	H, L	Varies	D or V	35
<b>ARTS, PSYCHOLOGY AND SOCIAL SCIENCE – TAFE COURSES</b>							
<b>Journalism</b>	Diploma of Screen and Media – Integrated Journalism stream	RC	VCE or mature age	P	1F	D and V	30
<b>Liberal Arts</b>	Diploma of Liberal Arts incorporating Certificate IV	RC	VCE or mature age	L, P	2F 4P	D or V	30
<b>Professional Writing and Editing</b>	Certificate IV in Professional Writing and Editing	RC	VCE or mature age	L, P	1F	D or V	31
	Diploma of Professional Writing and Editing	RC	VCE or mature age	L, P	1F	D or V	31

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**Course index – Quick reference guide (continued)**

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>AVIATION – UNIVERSITY DEGREES</b>							
Aviation	Bachelor of Aviation	RC	20 in English (any) and MATH METH (either)	H and EV	3F 6P	D or V	36
	Bachelor of Aviation/Bachelor of Commerce	RC	20 in English (any) and MATH METH (either)	H and EV	4F 8P	D or V	36
Aviation Management	Bachelor of Aviation (Management)	70.60	20 in English (any) and MATH METH	H	3F 6P	D or V	37
	Bachelor of Aviation (Management)/Bachelor of Commerce	70.60	20 in English (any) and MATH METH	H	4F 8P	D or V	37
<b>AVIATION – TAFE COURSES</b>							
Aviation	Advanced Diploma of Technology (Aviation) incorporating a Diploma and Certificate IV	RC	VCE and Medical	H and EV	2F	D or V	36
<b>BUSINESS, COMMERCE AND MANAGEMENT – UNIVERSITY DEGREES</b>							
Accounting and Finance	Bachelor of Business (Accounting)	60.45	20 in English (any)	L	3F 6P	D or V	38
	Bachelor of Commerce (Accounting)	66.55	20 in English (any)	H	3F 6P	D or V	38
	Bachelor of Commerce (Accounting and Finance)	70.20	20 in English (any)	H	3F 6P	D or V	38
Advertising	Bachelor of Business (Advertising)	59.90	20 in English (any)	L	3F 6P	D or V	39
Business	Bachelor of Business	55.20	20 in English (any)	L	3F 6P	D or V	39
Business Administration	Bachelor of Business Administration	New	20 in English (any)	H, L, P	3F 6P	D or V	39
Business Analysis	Bachelor of Business (Business Analysis)	n/a	20 in English (any)	L	3F 6P	D or V	39
Business/Communication	Bachelor of Business/Bachelor of Communication	70.80	20 in English (any)	L and P	4F 8P	D or V	40
Business/Social Science	Bachelor of Business/Bachelor of Social Science	77.80	20 in English (any)	L	4F 8P	D or V	40
Commerce	Bachelor of Commerce	65.00	20 in English (any)	H	3F 6P	D or V	40
Commerce/Italian	Bachelor of Commerce (Italian)	70.60	20 in English (any)	H	4F 8P	D or V	41
	Bachelor of Commerce/Bachelor of Arts (Italian)	70.60	20 in English (any)	H	4F 8P	D or V	41
Commerce/Japanese	Bachelor of Commerce (Japanese)	70.00	20 in English (any)	H	4F 8P	D or V	41
	Bachelor of Commerce/Bachelor of Arts (Japanese)	70.00	20 in English (any)	H	4F 8P	D or V	41
Commercial Law	Bachelor of Commerce (Commercial Law)	73.00	20 in English (any)	H	3F 6P	D or V	41
Entrepreneurship and Innovation	Bachelor of Commerce (Entrepreneurship and Innovation)	73.90	20 in English (any)	H	3F 6P	D or V	42
Finance	Bachelor of Business (Finance)	n/a	20 in English (any)	L	3F 6P	D or V	42
	Bachelor of Commerce (Finance)	70.45	20 in English (any)	H	3F 6P	D or V	42
Human Resources	Bachelor of Business (Human Resource Management)	57.25	20 in English (any)	L	3F 6P	D or V	42
	Bachelor of Commerce (Human Resource Management)	67.10	20 in English (any)	H	3F 6P	D or V	43
International Business	Bachelor of Commerce (International Business)	71.70	20 in English (any)	H	3F 6P	D or V	43
	Bachelor of Commerce (International Business)/Bachelor of Arts (Italian)	70.60	20 in English (any)	H	4F 8P	D or V	43
	Bachelor of Commerce (International Business)/Bachelor of Arts (Japanese)	70.00	20 in English (any)	H	4F 8P	D or V	43
Management	Bachelor of Business (Management)	55.20	20 in English (any)	L	3F 6P	D or V	44
	Bachelor of Commerce (Management)	72.00	20 in English (any)	H	3F 6P	D or V	44
Marketing	Bachelor of Business (Marketing)	55.05	20 in English (any)	L	3F 6P	D or V	45
	Bachelor of Commerce (Marketing)	66.35	20 in English (any)	H	3F 6P	D or V	45
Public Relations	Bachelor of Business (Public Relations)	55.80	20 in English (any)	L	3F 6P	D or V	45
Dean's Scholarship	Dean's Commerce Scholars' Program	RC	Minimum ATAR of 85.00	H	Varies	D or V	46
	Dean's Scholarship – Lilydale	89.90	Minimum ATAR of 88.00	L	Varies	D or V	46
Vice-Chancellor's Scholarship	Vice-Chancellor's Business and Commerce Scholarship	n/a	Minimum ATAR of 97.00	H, L	Varies	D or V	46
<b>BUSINESS, COMMERCE AND MANAGEMENT – TAFE COURSES</b>							
Accounting and Finance	Advanced Diploma of Accounting incorporating a Diploma and Certificate III	RC	VCE or mature age	H, L, W	1.5F 3P	D or V	38
	Certificate III in Financial Services (Accounts Clerical)	RC	VCE or mature age	H, L, W	6mF	D	38
Advertising	Advanced Diploma of Advertising incorporating a Diploma and Certificate IV	RC	VCE or mature age	P	1.5F	D or V	39
Bookkeeping	Certificate IV in Financial Services (Bookkeeping)	RC	RC	C, OL	6mP	D	39
Business Administration	Diploma of Business Administration incorporating Certificate IV	RC	VCE or mature age	H, W	1F 2P	D or V	39
	Certificate IV in Business Administration	RC	VCE or mature age	OL	6F	D	39
Conveyancing	Diploma of Financial Services (Conveyancing)	RC	None	W	1P	D	41
Frontline Management	Certificate IV in Frontline Management	RC	VCE or mature age	H, P, OL, W, WP	6mF 1.5P	D or V	42

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
Human Resources	Diploma of Human Resources Management incorporating Certificate IV	RC	VCE or mature age	H, L, OL, WP	1F 3P	D or V	42
	Diploma of Human Resources Management/ Diploma of Sustainability	RC	VCE or mature age	H, L, WP	1F	D or V	42
International Business	Advanced Diploma of Business (International Business) incorporating a Diploma and Certificate IV	RC	VCE or mature age	H, W	1.5F	D or V	43
Legal Practice	Advanced Diploma of Business (Legal Practice)	RC	VCE or mature age	H, W	2F	D or V	43
Library/Information Services	Diploma of Library/Information Services incorporating Certificate III	RC	VCE or mature age	P	2F 4P	D or V	43
Logistics	Diploma of Logistics	RC	Relevant experience	H	1P	D	44
Management	Diploma of Management incorporating Certificate IV in Frontline Management	RC	VCE or mature age	H, P, W, WP	1F 3P	D or V	44
	Diploma of Management/Diploma of Sustainability incorporating Certificate IV in Frontline Management	RC	VCE or mature age	H, P, W, WP	1F 3P	D or V	44
Marketing	Advanced Diploma of Marketing incorporating a Diploma and Certificate IV	RC	VCE or mature age	H, P, W	1.5F	D or V	44
	Diploma of Marketing	RC	Mature age with industry experience	H	1P	D	44
Medical Administration	Certificate III in Business Administration (Medical)	RC	None	W	6mP	D	45
	Medical Office Essentials Certificate	RC	None	W	6mP	D	45
Project Management	Diploma of Project Management	RC	Mature age with industry experience	H, P, W, OL, WP	1P	D	45
	Certificate IV in Project Management	RC	Mature age working in industry	H, P, OL, WP	6mP	D	45
Public Relations	Advanced Diploma of Business (Public Relations) incorporating Diploma	RC	VCE or mature age	P	2F 4P	D or V	45
Real Estate	Certificate IV in Property Services (Real Estate)	RC	Course in Real Estate Agents' Representative	C, OC	21w	D	46
	Course in Real Estate Agents' Representative	RC	18 years and industry employed	C, P, OC	2wF 6wP	D	46
Retail Management	Advanced Diploma of Retail Management incorporating Diploma and Certificate IV	RC	Relevant experience/qualifications + VCE or mature age	P, OL	2F 4P	D or V	46
Small Business Management	Certificate IV in Small Business Management	RC	None	H, L, W	1–2P	D	46
<b>DESIGN AND FILM and TV – UNIVERSITY DEGREES</b>							
Communication Design	Bachelor of Design (Communication Design)	75.10	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P	3F 6P	D or V	47
Communication Design/ Business	Bachelor of Design (Communication Design)/ Bachelor of Business	70.20	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P or P and L	4F 8P	D or V	48
Digital Media Design	Bachelor of Design (Digital Media Design)	65.45	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P	3F 6P	D or V	48
Digital Media Design/ Business	Bachelor of Design (Digital Media Design)/Bachelor of Business	70.20	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P or P and L	4F 8P	D or V	48
Film and Television	Bachelor of Film and Television	85.00	20 in English (any)	P	3F 6P	D or V	49
Industrial Design	Bachelor of Design (Industrial Design)	70.15	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P	3F 6P	D or V	49
Industrial Design/Business	Bachelor of Design (Industrial Design)/Bachelor of Business	70.20	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P or P and L	4F 8P	D or V	49
Interior Design	Bachelor of Design (Interior Design)	66.05	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P	3F 6P	D or V	49
Interior Design/Business	Bachelor of Design (Interior Design)/Bachelor of Business	70.20	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P or P and L	4F 8P	D or V	50
Vice-Chancellor's Scholarship	Vice-Chancellor's Scholarship – Design	97.20	Minimum ATAR of 97.00	P, L	Varies	D or V	50
<b>DESIGN AND FILM and TV – TAFE COURSES</b>							
Design	Certificate IV in Design	RC	VCE or mature age plus folio and interview	P, W	1F	D or V	47
Digital Film and Television	Advanced Diploma of Screen and Media incorporating a diploma	RC	Post-VCE art, design or media course plus folio and interview	P	2F	D or V	49
Graphic Design	Diploma of Graphic Design	RC	VCE or mature age plus folio and interview	P, W	2F	D or V	47
Visual Merchandising	Diploma of Visual Merchandising	RC	VCE plus folio and interview	P, W	2F	D or V	50

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**Course index – Quick reference guide (continued)**

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>DIGITAL MEDIA (INCLUDING MULTIMEDIA AND GAMES) – UNIVERSITY DEGREES</b>							
<b>Digital Media</b>	Bachelor of Arts (Digital Media)	71.10	20 in English (any)	H	3F 6P	D or V	51
	Bachelor of Arts (Digital Media and Marketing)	71.10	20 in English (any)	H	3F 6P	D or V	51
<b>Digital Media Design</b>	Bachelor of Design (Digital Media Design)	65.45	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P	3F 6P	D or V	51
<b>Digital Media Design/ Business</b>	Bachelor of Design (Digital Media Design)/Bachelor of Business	70.20	20 in English (any) and in one of Visual Communication and Design, Studio Arts or Design and Technology	P or P and L	4F 8P	D or V	48
<b>Games and Interactivity</b>	Bachelor of Arts (Games and Interactivity)	66.35	20 in English (any)	H	3F 6P	D or V	52
	Bachelor of Arts (Games and Interactivity)/Bachelor of Science (Computer Science and Software Engineering)	67.70	20 in English (any) and 25 in MATH METH (either) or SPEC MATH	H	4F 8P	D or V	52
<b>DIGITAL MEDIA (INCLUDING MULTIMEDIA AND GAMES) – TAFE COURSES</b>							
<b>Digital Media</b>	Certificate IV in Interactive Digital Media	RC	VCE or mature age plus folio and interview	L, P	1F	D or V	51
<b>Interactive Digital Media</b>	Advanced Diploma of Screen and Media – Interactive Digital Media stream, incorporating a diploma	RC	VCE or mature age plus folio and interview	P, W	2F	D and V	53
<b>Multimedia</b>	Certificate II in Creative Industries (Media)	RC	None	L	1P	D	53
	Diploma of Information Technology (Multimedia) incorporating Certificate IV	RC	VCE or mature age	H, L, W	1.5–2F	D or V	53
<b>ENGINEERING AND TECHNOLOGY – UNIVERSITY DEGREES</b>							
<b>Associate Engineering</b>	Associate Degree in Engineering	65.15	20 in English (any) and in MATH METH (either)	H	2F 4P	D or V	54
<b>Biomedical Engineering</b>	Bachelor of Engineering (Biomedical Engineering)	72.55	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	54
	Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Biomedical Sciences)	80.50	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	55
<b>Civil Engineering</b>	Bachelor of Engineering (Civil Engineering)	77.05	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	55
	Bachelor of Engineering (Civil Engineering)/Bachelor of Commerce	77.05	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	55
<b>Electrical and Electronic Engineering</b>	Bachelor of Engineering (Electrical and Electronic Engineering)	74.40	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	56
	Bachelor of Engineering (Electrical and Electronic Engineering)/Bachelor of Commerce	74.40	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	56
<b>Electronics and Computer Systems</b>	Bachelor of Engineering (Electronics and Computer Systems)	74.10	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	57
	Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Commerce	74.10	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	57
	Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Computer Science and Software Engineering)	74.10	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	57
<b>Mechanical Engineering</b>	Bachelor of Engineering (Mechanical Engineering)	72.05	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	59
	Bachelor of Engineering (Mechanical Engineering)/Bachelor of Commerce	72.05	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	59
<b>Product Design Engineering</b>	Bachelor of Engineering (Product Design Engineering)	RC	20 in English (any) and in MATH METH (either)	H and P	4F 8P	D or V	59
<b>Robotics and Mechatronics</b>	Bachelor of Engineering (Robotics and Mechatronics)	74.95	20 in English (any) and in MATH METH (either)	H	4F 8P	D or V	60
	Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Commerce	74.95	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	60
	Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Science (Computer Science and Software Engineering)	78.20	20 in English (any) and in MATH METH (either)	H	5F 10P	D or V	60
<b>Telecommunication and Network Engineering</b>	Bachelor of Engineering (Telecommunication and Network Engineering)	74.10	20 in English (any) and in MATH METH (either) or SPEC MATH	H	4F 8P	D or V	61
	Bachelor of Engineering (Telecommunication and Network Engineering)/Bachelor of Science (Computer Science and Software Engineering)	74.10	20 in English (any) and in MATH METH (either) or SPEC MATH	H	5F 10P	D or V	61
<b>Vice-Chancellor's Scholarship</b>	Vice-Chancellor's Scholarship – Engineering	97.50	Minimum ATAR of 97.00	H	Varies	D or V	61

STUDY AREA	COURSE	ATAR	MINIMUM PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>ENGINEERING AND TECHNOLOGY – TAFE COURSES</b>							
<b>Automotive</b>	Diploma of Automotive Management	RC	VCE or mature age, or working in industry	W	1F 2P	D	54
	Certificate IV in Automotive Technology	RC	Completion of an automotive apprenticeship	W	2–3P	D	54
	Certificate III in Automotive Specialist	RC	Completion of an automotive apprenticeship	W	30wP	D	54
<b>Building</b>	Advanced Diploma of Building Design (Architectural)	RC	VCE or mature age, or qualified tradesperson	C	2.5F	D or V	55
	Diploma of Building and Construction (Building)	RC	VCE or mature age, or industry experience and interview	C	2F	D or V	55
	Certificate IV in Building and Construction (Building)	RC	Apprentice of mature age	C	9mF 2P	D or V	55
<b>Electrical</b>	Advanced Diploma of Electrical – Technology	RC	VCE or mature age	W	2F	D or V	56
	Certificate IV in Electrical	RC	Relevant qualification	W	3P	D	56
<b>Electronics and Communications</b>	Advanced Diploma of Electronics and Communications Engineering	RC	1 and 2 or 3 and 4 MATH (any)	H	2F 4P	D or V	56
	Certificate III in Electronics	RC	None	H	1F	D	56
<b>Engineering (Post Trade)</b>	Certificate IV in Engineering with streams in CNC Machining/ Press Toolmaking/Maintenance Fluid Power	RC	Apprenticeship or relevant certificate	H, W	2P	D	57
<b>Engineering Technology</b>	Advanced Diploma of Engineering Technology with streams in Mechanical, Robotics and Mechatronics, and Civil Engineering	RC	1 and 2 MATH (any) or trade certificate or mature age	H	2F 4P	D or V	57
<b>Firefighting</b>	Certificate III in Public Safety (Firefighting and Emergency Operations)	RC	Year 10 or mature age	L	1–2P	D	58
	Certificate II/III in Public Safety (Firefighting Operations)	RC	Year 10 or mature age	L	1–2P	D	58
<b>Fire Protection</b>	Certificate II/III in Asset Maintenance (Fire Protection Equipment)	RC	Year 10 or mature age	C	1P	D	58
	Certificate IV in Asset Maintenance (Fire Safety Systems Inspection)	RC	Cert III in Asset Maintenance or equivalent	C	1P	D	58
<b>Fire Technology</b>	Diploma of Fire Technology	RC	Cert IV in Fire Technology	H	1F	D or V	58
	Certificate IV in Fire Technology	RC	VCE or mature age	H	1F	D or V	58
<b>Manufacturing</b>	Diploma of Competitive Manufacturing	RC	Employed in industry	WP	1000hP	D	58
	Certificate III/IV in Competitive Manufacturing	RC	Employed in industry	WP	340–480hP	D	58
	Certificate III in Process Manufacturing	RC	Employed in industry	WP	670hP	D	58
	Diploma of Engineering – Technical specialising in Manufacturing	RC	VCE and employed in industry	WP	2P	D	58
	Diploma of Manufacturing Technology specialising in Structural Steel Detailing	RC	None	H, WP	1F 2P	D or V	59
<b>Plumbing</b>	Certificate IV in Plumbing Services	RC	Cert III in Plumbing	C	2F	D	59
<b>Renewable Energy Technology</b>	Certificate IV in Renewable Energy	RC	VCE or mature age	W	3P	D	60
<b>HEALTH AND COMMUNITY SERVICES – UNIVERSITY DEGREES</b>							
<b>Community Health</b>	Bachelor of Community Health	New	20 in English (any)	H, L, P	3F 6P	V or D	63
	Bachelor of Social Science (Community Health)	n/a	20 in English (any)	H	3F 6P	V or D	63
<b>HEALTH AND COMMUNITY SERVICES – TAFE COURSES</b>							
<b>Aged Care/Home and Community Care</b>	Certificate III in Aged Care/Certificate III in Home and Community Care	RC	None	C	6mP	D	62
<b>Children's Services</b>	Advanced Diploma of Children's Services	RC	See Course Search	L, P	1P	D	62
	Diploma of Children's Services (Early Childhood Education and Care)	RC	See Course Search	L, P	1.5F 2P	D and V	62
	Certificate III in Children's Services	RC	Interest and suitability in the field	L, P	6F 1P	D	62
<b>Children's Services – Out of School Hours Care</b>	Diploma of Out of School Hours Care incorporating Certificate IV	RC	See Course Search	OC, OL	2F	D	62
<b>Community Sector Management</b>	Advanced Diploma of Community Sector Management	RC	Management experience	C, OC, OL	2P	D	63
<b>Community Services Work</b>	Diploma of Community Services Work	RC	Cert IV or industry experience	C, P	1.5F	D	64
	Certificate IV in Community Services Work	RC	Cert III or industry experience	C, P	6mF	D	63
	Certificate II/III in Community Services Work	RC	None	C, P	9mF	D	63
<b>Disability Work</b>	Advanced Diploma of Disability	RC	Cert IV and industry employed	C	2P	D	64
	Certificate IV in Disability	RC	Industry employed	C and WP	1F	D	64
<b>Emergency Medical Service</b>	Certificate II in Emergency Medical Service First Response	RC	None	H and EV	3wF	D	64
<b>Fitness</b>	Certificate IV in Fitness	RC	VCE or mature age	H	1F	D or V	64



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**Course index – Quick reference guide (continued)**

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>HEALTH AND COMMUNITY SERVICES – TAFE COURSES</b> (continued)							
<b>Health Assistance</b>	Certificate IV in Allied Health Assistance	RC	Cert III	C, WP	1F	D	64
	Certificate III in Allied Health Assistance	RC	None	C, WP	6mP	D	64
	Certificate III in Health Service Assistance	RC	None	C, WP	6mP	D	65
<b>Leisure and Health</b>	Diploma of Leisure and Health incorporating Certificate IV	RC	None	C	2P	D	65
<b>Nursing</b>	Diploma of Nursing (Enrolled/Division 2 Nursing)	RC	Police check	L	1.5F	D	65
<b>Occupational Health and Safety</b>	Advanced Diploma of Occupational Health and Safety	RC	Dip OH&S	H and EV	1P	D	66
	Diploma of Occupational Health and Safety	RC	Cert IV OH&S	H and EV	1P	D	65
	Certificate IV in Occupational Health and Safety	RC	None	H and EV	1P	D	65
<b>Parent Education Leadership Training</b>	Course in Parent Education Leadership Training	RC	Relevant experience or qualification	P	12–14wP	D	66
<b>Quality Auditing</b>	Diploma of Quality Auditing	RC	None	H and EV	1P	D	66
<b>Remedial Massage</b>	Diploma of Remedial Massage incorporating Certificate IV in Massage Therapy Practice	RC	Relevant experience or qualification	C	1.5F 3P	D	66
<b>Sport Development and Recreation</b>	Diploma of Sport and Recreation/Diploma of Sport (Development) incorporating Certificate IV	RC	VCE or mature age; industry experience preferred	H	2F	D or V	66
<b>HORTICULTURE AND ENVIRONMENT – TAFE COURSES</b>							
<b>Conservation and Land Management</b>	Diploma of Conservation and Land Management	RC	VCE or mature age	L	2F 4P	D or V	67
	Certificate IV in Conservation and Land Management	RC	VCE or mature age	L	2P	D	67
	Diploma of Conservation and Land Management/Diploma of Sustainability	RC	VCE or mature age	L	2F 4P	D or V	67
<b>Horticulture</b>	Diploma of Horticulture	RC	VCE or mature age	W	2F 4P	D or V	67
	Diploma of Horticulture/Diploma of Sustainability	RC	VCE or mature age	W	2F 4P	D or V	67
	Diploma of Sustainable Landscape Design	RC	Basic computer skills	H, OL and W	2P	D	67
<b>Viticulture</b>	Diploma of Production Horticulture specialising in Viticulture incorporating Certificate IV	RC	Industry employed or experience	L	3–4P	D	67
<b>HOSPITALITY, TOURISM AND EVENT MANAGEMENT – UNIVERSITY DEGREES</b>							
<b>Tourism and Hospitality Management</b>	Bachelor of Business (Tourism and Hospitality Management)	55.20	Advanced Diploma of Hospitality Management, or equivalent	L	1.5F 3P	D or V	69
<b>Tourism Management</b>	Bachelor of Business (Tourism Management)	n/a	20 in English (any)	L, OL	3F 6P	D or V	69
<b>Dean's Scholarship</b>	Dean's Scholarship – Lilydale	89.90	Minimum ATAR of 88.00	L	Varies	D or V	69
<b>HOSPITALITY, TOURISM AND EVENT MANAGEMENT – TAFE COURSES</b>							
<b>Commercial Cookery</b>	Certificate IV in Hospitality (Commercial Cookery)	RC	Year 10/11 or mature age	L, P	1.5F 3P	D	68
	Certificate III in Hospitality (Commercial Cookery)	RC	Year 10/11 or mature age	L, P	1F 3P	D	68
<b>Event Management</b>	Advanced Diploma of Events incorporating a Diploma and Certificate III	RC	VCE or mature age	L, P	2F	D or V	68
	Advanced Diploma of Events/Diploma of Sustainability incorporating Certificate III	RC	VCE or mature age	L, P	2F	D or V	68
<b>Hospitality</b>	Certificate III in Hospitality/Certificate II in Hospitality (Kitchen Operations)	RC	Year 10/11 or mature age	L, P	6mF	D	68
	Advanced Diploma of Hospitality/Diploma of Events incorporating Certificate IV	RC	VCE or mature age	L, P	2F	D or V	68
	Advanced Diploma of Hospitality/Diploma of Sustainability incorporating a Diploma	RC	VCE or mature age	L, P	2F	D and V	69
<b>Tourism</b>	Advanced Diploma of Tourism incorporating Certificate III in Tourism (Guiding)	RC	VCE or mature age	L, P	2F	D and V	69
<b>INFORMATION AND COMMUNICATION TECHNOLOGIES – UNIVERSITY DEGREES</b>							
<b>Business Information Systems</b>	Bachelor of Business Information Systems	65.15	20 in English (any)	H	3F 6P	D or V	70
	Bachelor of Business Information Systems/Bachelor of Commerce	65.15	20 in English (any)	H	4F 8P	D or V	70
<b>Computer Science</b>	Bachelor of Science (Computer Science)	70.60	20 in English (any) and METH	H	3F 6P	D or V	70
<b>Games Development</b>	Bachelor of Science (Games Development)	69.75	20 in English (any) and 1 and 2 MATH (any)	H	3F 6P	D or V	71
<b>Information and Communication Technology</b>	Bachelor of Applied Information and Communication Technology	52.10	20 in English (any)	L and H	3F 6P	D or V	71
	Bachelor of Applied Information and Communication Technology	53.90	20 in English (any)	W and H	3F 6P	D or V	71
	Bachelor of Information and Communication Technology	65.00	20 in English (any) and 1 and 2 MATH (any)	H	3F 6P	D or V	71

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>Information Technology – Scholarship Program</b>	Bachelor of Information Technology	76.60	20 in English (any) and MATH (any)	H	3F 6P	D or V	71
<b>Network Design and Security</b>	Bachelor of Information and Communication Technology (Network Design and Security)	65.00	20 in English (any) and 1 and 2 MATH (any)	H	3F 6P	D or V	72
<b>Software Development</b>	Bachelor of Science (Professional Software Development)	66.15	20 in English (any) and 1 and 2 MATH (any)	H	3F	D or V	72
<b>Vice-Chancellor's Scholarship</b>	Vice-Chancellor's Scholarship – Information Technology/Science	–	Minimum ATAR of 97.00	H	Varies	D or V	73
<b>INFORMATION AND COMMUNICATION TECHNOLOGIES – TAFE COURSES</b>							
<b>Networking</b>	Diploma of Information Technology (Networking) incorporating Certificate IV in Information Technology (General)	RC	VCE or mature age	H, L, W	1.5–2F	D or V	72
<b>Network Security</b>	Advanced Diploma of Information Technology (Network Security) incorporating Certificate IV in Information Technology (General)	RC	VCE or mature age	H	2F	D or V	72
<b>Software Development</b>	Diploma of Information Technology (Software Development) incorporating Certificate IV in Information Technology (Programming)	RC	VCE or mature age	H, L, W	1.5–2F	D or V	72
<b>Systems Administration</b>	Diploma of Information Technology (Systems Administration) incorporating Certificate IV in Information Technology (General)	RC	VCE or mature age	H, L, W	1.5–2F	D or V	73
<b>Telecommunications Cabling</b>	Certificate II in Telecommunications Cabling	RC	Diploma of Information Technology	H	6mF 1P	D	73
	Certificate III in Telecommunications Cabling	RC	Cert II or relevant experience	H	1F	D	73
<b>Website Design</b>	Certificate IV in Information Technology (Websites)	RC	VCE or mature age	L, W	1F	D	73
<b>Website Development</b>	Diploma of Information Technology (Website Development) incorporating Certificate IV in Information Technology (Programming)	RC	VCE or mature age	H, L, W	1.5–2F	D or V	73
<b>SCIENCE – UNIVERSITY DEGREES</b>							
<b>Biochemistry and Chemistry</b>	Bachelor of Science (Biochemistry and Chemistry)	73.05	20 in English (any) and in MATH (any)	H	3F 6P	D or V	74
<b>Biomedical Sciences</b>	Bachelor of Science (Biomedical Sciences)	70.20	20 in English (any) and in MATH (any)	H	3F 6P	D or V	74
<b>Biosciences</b>	Bachelor of Science (Biosciences)	70.20	20 in English (any) and in MATH (any)	H	3F 6P	D or V	74
<b>Biotechnology</b>	Bachelor of Science (Biotechnology)	73.05	20 in English (any) and in MATH (any)	H	3F 6P	D or V	75
	Bachelor of Science (Biotechnology)/Bachelor of Commerce	73.05	20 in English (any) and in MATH (any)	H	4F 8P	D or V	75
<b>Chemistry</b>	Bachelor of Science (Chemistry)	73.05	20 in English (any) and in MATH (any)	H	3F 6P	D or V	75
<b>Medical Biophysics</b>	Bachelor of Science (Medical Biophysics)	70.20	20 in English (any) and in MATH (any)	H	3F 6P	D or V	76
<b>Medical Technology</b>	Bachelor of Science (Medical Technology)	70.20	20 in English (any) and in MATH (any)	H	3F 6P	D or V	76
<b>Public and Environmental Health</b>	Bachelor of Health Science (Public and Environmental Health)	RC	20 in English (any) and in MATH (any)	H	3F 6P	D and V	76
<b>Science</b>	Bachelor of Science	66.15	20 in English (any) and MATH (any)	H	3F 6P	D and V	77
<b>Vice-Chancellor's Scholarship</b>	Vice-Chancellor's Scholarship – Information Technology/Science	–	Minimum ATAR of 97.00	H	3F 6P	D and V	77
<b>SCIENCE – TAFE COURSES</b>							
<b>Laboratory Skills</b>	Certificate III in Laboratory Skills	RC	None	H	6mF 1P	D or V	75
<b>Laboratory Technology</b>	Diploma of Laboratory Technology	RC	VCE or mature age	H	2F 4P	D or V	75
	Diploma of Laboratory Technology/Diploma of Sustainability	RC	VCE or mature age	H	2F 4P	D or V	76
<b>Laboratory Technology – Management</b>	Advanced Diploma of Laboratory Operations	RC	Diploma of Laboratory Technology or equivalent and employed in industry	H, WP	2P	D	76
<b>SUSTAINABILITY – UNIVERSITY DEGREES</b>							
<b>Environmental Sustainability</b>	Bachelor of Arts (Sustainability Management)	65.90	20 in English (any)	H	3F 6P	D or V	79
	Bachelor of Science (Environmental Sustainability)	66.00	20 in English (any) and in MATH (any)	H	3F 6P	D or V	78
<b>SUSTAINABILITY – TAFE COURSES</b>							
<b>Carbon Management</b>	Diploma of Carbon Management	RC	Basic computer skills	H	1P	D or V	79
<b>Energy and Resource Efficiency Technologies</b>	Certificate IV in Sustainable Energy and Resource Efficiency Technologies	RC	VCE or mature age	W	1F 2P	D or V	78
<b>Sustainability – General</b>	Diploma of Sustainability	RC	Diploma/degree	C, H, L, P	1P	D	78
<b>Sustainable Water and Catchment Management</b>	Diploma of Sustainable Water and Catchment Management	RC	Relevant experience	L	2F 4P	D	79

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STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>VISUAL, PERFORMING AND CIRCUS ARTS – UNIVERSITY DEGREES</b>							
Circus Arts	Bachelor of Circus Arts	RC	RC	P	3F	D	80
<b>VISUAL, PERFORMING AND CIRCUS ARTS – TAFE COURSES</b>							
Costume for Performance	Diploma of Costume for Performance	RC	VCE or mature age plus folio and interview	P	2F	D or V	80
Make-Up	Diploma of Specialist Make-Up Services	RC	VCE or mature age plus folio and interview	P	1F	D or V	80
Technical Theatre	Diploma of Live Production, Theatre and Events (Technical Production)	RC	VCE or mature age	P	1.5F	D or V	80
Theatre Arts	Diploma of Theatre Arts	RC	VCE or mature age plus one-day workshop	P	2F	D or V	80
Visual Art	Diploma of Visual Art	RC	VCE or mature age plus folio and interview	P, W	2F	D or V	80
<b>PRE-APPRENTICESHIPS</b>							
Automotive	Certificate II in Automotive Technology Studies	RC	Year 10 or mature age	L, W	20wF	D	81
Building and Construction	Certificate II in Bricklaying/Certificate II in Carpentry/Certificate II in Painting and Decorating	RC	Year 10 or mature age	C	16wF	D	81
Electrical	Certificate II in Electrotechnology Studies (Pre-vocational)	RC	Entrance exam	C, W	13wF	D	81
Engineering	Certificate II in Engineering Studies	RC	Year 10	W	2P	D	81
	Certificate II in Engineering – Production Technology	RC	Year 10	H	2P	D	81
Horticulture and Conservation	Certificate II in Horticulture	RC	Year 10	W	6mF	D	82
	Certificate II in Conservation and Land Management	RC	Year 10	L	6mF	D	82
Hospitality	Certificate II in Hospitality	RC	Year 10	L, P	6mF	D	82
	Certificate II in Hospitality (Kitchen Operations)	RC	Year 11	L, P	6mF	D	82
Plumbing	Certificate II in Plumbing (Pre-vocational)	RC	Year 10 or mature age	C	12wF	D	82
Renewable Energy	Certificate II in Renewable Energy	RC	None	W	6mF	D	82
<b>APPRENTICESHIPS</b>							
Automotive	Certificate III in Automotive Mechanical Technology	RC	15 years plus employed as apprentice	L, W	3P	D	82
	Certificate III in Automotive Specialist specialising in LPG Gas Installation/Repair	RC	15 years plus employed as apprentice	L, W	3P	D	82
General Construction	Certificate III in Bricklaying and Blocklaying/Certificate III in Carpentry/Certificate III in Painting and Decorating	RC	15 years plus employed as apprentice	C	3P	D	83
Electrical	Certificate III in Electrotechnology Electrician	RC	15 years plus employed as apprentice	C, W	4P	D	82
Engineering	Certificate III in Engineering – Mechanical Trade	RC	15 years plus employed as apprentice	H, W	3P	D	82
Horticulture	Certificate III in Floristry/Certificate III in Horticulture (Landscape)/Certificate III in Horticulture (Parks and Gardens)/Certificate III in Horticulture (Retail Nursery)/Certificate III in Horticulture (Turf)/Certificate III in Horticulture (Wholesale Nursery)	RC	15 years plus employed as apprentice	W	3P	D	83
Hospitality	Certificate III in Hospitality (Commercial Cookery)	RC	Year 10/11 or mature age plus apprenticed to an employer	L, P	3P	D	83
Plumbing	Certificate III in Plumbing	RC	Year 10 plus apprenticed to employer	C	3P	D	83
<b>TRAINEESHIPS</b>							
Aged Care	Certificate III in Aged Care	RC	Employed as a trainee	C, WP	1F	D	83
Automotive	Certificate II in Automotive Mechanical specialising in Air Conditioning	RC	Employed as a trainee	L, W	1.5P	D	83
	Certificate II in Automotive Vehicle Servicing	RC	15 years plus employed in industry	L, W	1.5P	D	83
Business	Certificate II/III/IV in Business	RC	VCE or mature age plus employed as a trainee	WP	1F 1.5P per cert	D	83
Business Administration	Certificate III/IV in Business Administration	RC	Employed as a trainee	WP	1F	D	83
Childcare	Certificate III in Children's Services	RC	Employed as a trainee	L, P, WP	1P	D	84
	Diploma of Children's Services	RC	Employed as a trainee	L, P, WP	2P	D	84
	Certificate IV in Out of School Hours Care	RC	Employed as a trainee	OC, OL, WP	1P	D	84
	Diploma of Out of School Hours Care	RC	Employed as a trainee	OC, OL, WP	2P	D	84

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
Disability Services	Certificate IV in Disability	RC	Employed as a trainee	C, OL, WP	1F	D	84
Engineering	Certificate III in Engineering – Production Systems	RC	Year 10 plus employed as trainee	H, W	3P	D	84
Fire Protection Equipment	Certificate IV in Asset Maintenance (Fire Safety Systems Inspection)	RC	Industry employed	C	1.5P	D	84
	Certificate III in Asset Maintenance (Fire Protection Equipment)	RC	Industry employed	C	2P	D	84
	Certificate II in Asset Maintenance (Fire Protection Equipment)	RC	Industry employed	C	1P	D	84
Fitness	Certificate III/IV in Fitness	RC	Employed in industry	WP	1F	D	84
Forest Growing and Management	Certificate II in Forest Growing and Management	RC	Industry employed	C	1.5F	D	84
	Certificate III in Forest Growing and Management	RC	Industry employed	C	2F	D	84
Gas Operations	Certificate III in Gas Industry Operations	RC	Employed in industry	WP	2P	D	85
Government	Certificate II/III/IV in Local Government	RC	Employed in field	WP	2P	D	85
	Certificate IV in Local Government (Planning)	RC	Employed in field	WP	2P	D	85
	Certificate IV In Government	RC	Employed in field	WP	2F	D	85
	Certificate IV In Government (Statutory Compliance)	RC	Employed in field	WP	2F	D	85
Health	Certificate IV in Allied Health Assistance	RC	Employed as a trainee	C, WP	1P	D	85
	Certificate IV in Massage Therapy Practice	RC	Employed as a trainee	C, WP	1P	D	85
	Certificate III in Health Services Assistance	RC	Employed as a trainee	C, WP	6mP	D	85
Horticulture	Certificate III in Horticulture (Floriculture)	RC	15 years plus employed as trainee	W	3P	D	85
	Certificate II in Horticulture	RC	15 years plus employed as trainee	W	1.5P	D	85
Hospitality	Certificate III in Hospitality	RC	Year 10/11 or mature age plus employed as a trainee	L, P	2P	D	86
Information Technology	Certificate I/II/III in Information Technology	RC	Year 11 plus employed as a trainee	C, H, L, W, WP	1–2P per cert	D	86
	Certificate IV in Information Technology (General)	RC	VCE or mature age	H, L, W, WP	1F 2P	D	86
	Certificate IV in Information Technology (Networking, Programming or Support)	RC	VCE or mature age	WP	2P per cert	D	86
Laboratory Operations	Certificate III in Laboratory Skills	RC	Employed as a trainee	WP	1–2P	D	86
	Certificate IV in Laboratory Techniques	RC	Employed as a trainee	WP	1.5–3P	D	86
Library and Information Services	Diploma of Library/Information Services	RC	Employed as a trainee	OL, WP	1P	D	87
	Certificate IV in Library/Information Services	RC	Employed as a trainee	OL, WP	1P	D	86
	Certificate III in Library/Information Services	RC	Employed as a trainee	OL, WP	1–3P	D	86
Medical Administration	Certificate III in Business (Medical Administration)	RC	Employed as a trainee	WP	1–1.5P	D	87
Recreation	Certificate III in Community Recreation	RC	15 years plus employed as a trainee	WP	1F	D	87
	Certificate II/III/IV in Sport and Recreation	RC	15 years plus employed as a trainee	WP	1F	D	87
	Certificate II/III in Sport (Officiating)	RC	15 years plus employed as a trainee	WP	1F	D	87
Retail Operations	Certificate II in Retail	RC	None	WP	1P	D	87
	Certificate III in Retail	RC	None	P, WP	6mP	D	87
Road Transport	Certificate III/IV in Transport and Logistics (Road Transport)	RC	Year 10 or mature age plus employed in industry	WP	1–2P	D	87
Viticulture	Certificate II/III in Food Processing (Wine)	RC	Employed as a trainee	L	1–3P	D	87
Warehousing and Storage	Certificate III/IV in Transport and Logistics (Warehousing and Storage)	RC	Employed as a trainee	WP	1–3P	D	87
<b>PREPARATORY AND ENGLISH LANGUAGE PROGRAMS</b>							
Bridging Science	Certificate IV in Science incorporating Certificate III	RC	None	H	1F 2P	D or V	88
English Language	Certificate I/II/III in Spoken and Written English	RC	English is not first language	C, H, L, P, W	20wF	D	88
	Certificate III in ESL (Access)	RC	English is not first language	W	23wF 38wP	D	88
	Certificate IV in ESL (Further Study)	RC	English is not first language	H, P	19wF 38wP	D	88
General Education for Adults	Course in Initial General Education for Adults	RC	Must speak English	C, L, W	20wF 40wP	D	88
	Certificate I in General Education for Adults (Introductory)	RC	Must speak English	C, L, P, W	20wF 40wP	D	88
	Certificate I/II/III in General Education for Adults	RC	Must speak English	C, L, P, W	20wF 40wP	D	88
Indigenous	Certificate I/II/III in Mumgu-dhal tyama-tiyt	RC	At least 16 years	EV	P	D	88
	Certificate IV in Youth Work	RC	None	EV	1F	D	88
Information Technology	Certificate I in Information Technology	RC	None	C, HV, L, W	1P	D	89
	Certificate II in Information Technology	RC	Cert I in Information Technology	C, HV, L, W	1P	D	89

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**Course index – Quick reference guide (continued)**

STUDY AREA	COURSE	ATAR	PREREQUISITES	CAMPUS	DURATION	APPLY	PAGE
<b>PREPARATORY AND ENGLISH LANGUAGE PROGRAMS</b> <i>(continued)</i>							
<b>Learning Links/Study Skills</b>	Course in Concurrent Study	RC	Undertaking Swinburne diploma, certificate or degree	C, H, L, P, W	Varies	D	89
<b>Multimedia</b>	Certificate II in Creative Industries (Media)	RC	None	L	1P	D	89
<b>Transition Education</b>	Certificate I in Transition Education	RC	16 years of age	H	1F	D	89
<b>VCAL</b>	Victorian Certificate of Applied Learning – Intermediate and Senior Level	RC	Year 10 and 16–19 years	C, P, W	1F	D	89
<b>Work Education</b>	Certificate I in Work Education	RC	At least 16 years	H, L, W	2F	D	89
<b>VOCATIONAL EDUCATION AND TRAINING PRACTICE</b>							
<b>Career Development</b>	Certificate IV in Career Development	RC	Working in industry	OL	1P	D	90
<b>Training and Assessment</b>	Diploma of Training and Assessment	RC	Cert IV in Training and Assessment	W, WP	1P	D	90
	Certificate IV in Training and Assessment	RC	None	H, L, W, P	11mP	D	90
<b>VET Practice</b>	Diploma of Vocational Education and Training Practice	RC	Cert IV in Training and Assessment	W, WP	1–1.5P	D	90



## USEFUL WEBSITES

### Swinburne websites

Accommodation	<a href="http://future.swinburne.edu.au/accommodation">future.swinburne.edu.au/accommodation</a>
Alternatives to Year 12	<a href="http://tafe.swinburne.edu.au/cevl">tafe.swinburne.edu.au/cevl</a>
Applying to Swinburne	<a href="http://future.swinburne.edu.au/apply">future.swinburne.edu.au/apply</a>
Apprenticeships	<a href="http://tafe.swinburne.edu.au/apprenticeships">tafe.swinburne.edu.au/apprenticeships</a>
Courses	<a href="http://swinburne.edu.au/courses">swinburne.edu.au/courses</a>
Campuses	<a href="http://swinburne.edu.au/campuses">swinburne.edu.au/campuses</a>
Career advisers	<a href="http://future.swinburne.edu.au/career-advisers">future.swinburne.edu.au/career-advisers</a>
Credit transfer	<a href="http://future.swinburne.edu.au/pathways">future.swinburne.edu.au/pathways</a>
Disability support services	<a href="http://future.swinburne.edu.au/disability">future.swinburne.edu.au/disability</a>
Enrolment	<a href="http://future.swinburne.edu.au/courses/enrol">future.swinburne.edu.au/courses/enrol</a>
Events at Swinburne	<a href="http://future.swinburne.edu.au/events">future.swinburne.edu.au/events</a>
Fees	<a href="http://future.swinburne.edu.au/fees">future.swinburne.edu.au/fees</a>
Future students	<a href="http://future.swinburne.edu.au">future.swinburne.edu.au</a>
Guaranteed Entry Scheme	<a href="http://swinburne.edu.au/ges">swinburne.edu.au/ges</a>
International students	<a href="http://international.swinburne.edu.au">international.swinburne.edu.au</a>
Non-school leavers and mature-age students	<a href="http://future.swinburne.edu.au/mature-age">future.swinburne.edu.au/mature-age</a>
Open Day	<a href="http://swinburne.edu.au/openday">swinburne.edu.au/openday</a>
Pathways	<a href="http://future.swinburne.edu.au/pathways">future.swinburne.edu.au/pathways</a>
Parents and guardians	<a href="http://future.swinburne.edu.au/parents">future.swinburne.edu.au/parents</a>
Postgraduate students	<a href="http://swinburne.edu.au/postgrad">swinburne.edu.au/postgrad</a>
Regional and interstate students	<a href="http://future.swinburne.edu.au/regional">future.swinburne.edu.au/regional</a>
Research	<a href="http://research.swinburne.edu.au">research.swinburne.edu.au</a>
Sarawak campus, Malaysia	<a href="http://swinburne.edu.my">swinburne.edu.my</a>
Scholarships	<a href="http://future.swinburne.edu.au/scholarships">future.swinburne.edu.au/scholarships</a>
Short courses	<a href="http://shortcourse.swinburne.edu.au">shortcourse.swinburne.edu.au</a>
Student Information Centre	<a href="http://swinburne.edu.au/sic">swinburne.edu.au/sic</a>
Student services	<a href="http://future.swinburne.edu.au/student-services">future.swinburne.edu.au/student-services</a>
Study Abroad	<a href="http://swinburne.edu.au/abroad">swinburne.edu.au/abroad</a>
Swinburne Student Amenities Association (SSAA)	<a href="http://future.swinburne.edu.au/ssaa">future.swinburne.edu.au/ssaa</a>
TAFE	<a href="http://tafe.swinburne.edu.au">tafe.swinburne.edu.au</a>
TAFE careers and jobs	<a href="http://tafe.swinburne.edu.au/careers">tafe.swinburne.edu.au/careers</a>
Why Swinburne?	<a href="http://future.swinburne.edu.au/why-swinburne">future.swinburne.edu.au/why-swinburne</a>
Year 10 students	<a href="http://future.swinburne.edu.au/year10">future.swinburne.edu.au/year10</a>
Year 11 students	<a href="http://future.swinburne.edu.au/year11">future.swinburne.edu.au/year11</a>
Year 12 students	<a href="http://future.swinburne.edu.au/year12">future.swinburne.edu.au/year12</a>

### Other useful websites

Going to Uni	<a href="http://goingtouni.gov.au">goingtouni.gov.au</a>
My Future	<a href="http://myfuture.edu.au">myfuture.edu.au</a>
Skills Victoria	<a href="http://skills.vic.gov.au">skills.vic.gov.au</a>
Skills Victoria – Apprenticeships and Traineeships	<a href="http://skills.vic.gov.au/apprentices">skills.vic.gov.au/apprentices</a>
Skills Victoria – Fees	<a href="http://skills.vic.gov.au/tafe_students/fees">skills.vic.gov.au/tafe_students/fees</a>
VTAC	<a href="http://vtac.edu.au">vtac.edu.au</a>
Year 12 – What Next?	<a href="http://year12whatnext.gov.au">year12whatnext.gov.au</a>

## ■ KEY DATES

1 June 2011

Mid Year Information Evening

9 June 2011

Apprenticeships and Traineeships Expo

21 August 2011

Swinburne Open Day

Hawthorn, Lilydale and Prahran

[swinburne.edu.au/openday](http://swinburne.edu.au/openday)

16–21 December 2011

Change of Preference

[swinburne.edu.au/cop](http://swinburne.edu.au/cop)

## ■ ANY QUESTIONS?

1300 275 794

[study@swinburne.edu.au](mailto:study@swinburne.edu.au)

[swinburne.edu.au/future](http://swinburne.edu.au/future)



[swinburne.edu.au/facebook](http://swinburne.edu.au/facebook)



[swinburne.edu.au/twitter](http://swinburne.edu.au/twitter)



[swinburne.edu.au/youtube](http://swinburne.edu.au/youtube)

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