MASTERS, GRADUATE DIPLOMAS
AND GRADUATE CERTIFICATES

POSTGRADUATE
PROGRAMS

2013

swinburne.edu.au/postgrad
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Swinburne
The right university for you.

The 2012 Academic Ranking of World Universities placed Swinburne among the top 400 universities worldwide and top three in Melbourne.

Swinburne is a progressive university offering courses in many key disciplines. We are committed to quality teaching and learning outcomes, and our courses offer students the skills and knowledge that employers want.

Quality teaching
With a reputation for quality education and focused research, Swinburne attracts highly qualified academics and educational leaders. We have been awarded five-star ratings for teaching quality and graduate satisfaction by The Good Universities Guide to Postgraduate Courses 2012.

World-ranked university
Swinburne is an internationally recognised research-intensive university. We have been ranked in the top 400 universities in the world by the Academic Ranking of World Universities (ARWU) – that’s the top 10 in Australia and top three in Melbourne.

A truly international institution, Swinburne has developed partner relationships with more than 90 universities around the world and has been teaching at its Sarawak campus in Malaysia for more than 10 years.

Research excellence
Swinburne is committed to focused, quality, high-impact research that makes us a leader in science, technology and innovation. Our research has produced numerous innovative breakthroughs and is recognised internationally. In 2012 the ARWU named Swinburne among the top 100 research universities in the field of physics – that’s the top three in Australia.

Flexible study options
Swinburne offers flexible study options so you can fit your study into your busy life. Students have access to online study, part-time study, distance education or a combination of two or three study modes. Some programs offer extra units of study during our Summer and Winter terms, allowing you to speed up your studies and finish your course sooner.

Modern and convenient campuses
Swinburne has campuses in the inner and eastern suburbs of Melbourne, one in the Melbourne CBD and one in Sarawak, Malaysia. We offer supportive and secure study environments with state-of-the-art multimedia lecture theatres, many new and refurbished buildings, well-stocked libraries, up-to-date computer labs and wi-fi connectivity.
Postgraduate study at Swinburne

Postgraduate qualifications can open up all sorts of career opportunities. They can help you reach your goals – whether they may be getting a better job, attracting a higher salary or making a total career change.

Our postgraduate courses are attuned to the requirements of business; when the needs of business change, our qualifications change. And our academic staff know what skills and knowledge employers are looking for because they work in industry.

We offer a range of flexible study options to suit your schedule – you can undertake most of our courses on a part-time basis, and we offer many entirely online. This flexibility also extends to timetabling, with numerous courses offering alternative class times such as during evenings and weekends.

Looking to change careers
A postgraduate qualification can provide you with the skills to embark on a new career with confidence.

In many cases, it is not essential for your current qualifications and experience to be in the same field as the postgraduate course you wish to study. Most programs also allow you to enrol at the graduate certificate level and progress to the higher levels after successful completion.

Needing a qualification
If postgraduate study is a workplace requirement, or if you need a postgraduate qualification to get into your chosen industry, we offer a variety of study options to suit your busy schedule and help secure your position in your current workplace.

Seeking a promotion
Whether you’re chasing a promotion or wanting to take your business to the next level, we have a wide selection of postgraduate qualifications designed to enhance your skill set and broaden your career opportunities.

Wanting to undertake research
If you’re passionate about a particular discipline area, we can help you achieve academic success through a postgraduate program by coursework or by research.

Needing one-on-one advice
If you’re unsure about which postgraduate program is right for you, you can book a one-on-one appointment with a course adviser to discuss your options. You’ll have the chance to ask anything and everything about the courses that interest you.

Postgraduate programs by coursework

Coursework qualifications require the successful completion of core units and electives. These programs usually involve attendance at lectures, classes, seminars or labs, and the completion of assignments and exams. Depending on the qualification level, some also require a minor thesis.

Most of our coursework programs have a ‘nested’ qualification structure, providing flexible entry and exit points. This means that if you have to withdraw from the course early, to accommodate any of life’s unexpected events, you could still exit with a formal qualification that recognises your work done to date. You might like to start modestly and build on each qualification as you go – from graduate certificate, to graduate diploma, to master degree.

Visit www.swinburne.edu.au/courses to search for postgraduate courses.

Master degree
A master degree by coursework usually takes eighteen months of full-time study, or equivalent part-time (incorporating the graduate diploma and graduate certificate units). Applicants usually require a bachelor degree or substantial industry experience in the field of study.

Graduate diploma
A graduate diploma is generally one year full-time or two years part-time study (incorporating the graduate certificate units). Applicants usually need a bachelor degree, but not necessarily in the proposed area of study. If you don’t have a degree but have substantial related industry experience, you may also be eligible.

Graduate certificate
This entry-level postgraduate qualification is often suitable if you have several years’ work experience but no recent formal academic qualifications. A graduate certificate generally takes six months full-time or one year part-time to complete. Successful completion of a graduate certificate may allow you to progress to a graduate diploma.

Single unit of study
If a particular unit of study takes your interest, you can enrol in a single unit. If you decide later on that you would like to undertake additional units or the complete program, you may receive credit for any single units already completed.

Professional recognition
Many of our postgraduate programs are recognised by professional organisations. This means that the qualification you receive will be highly regarded in industry and can enhance your career opportunities.

Pathways to postgraduate programs
If you have completed a qualification at Swinburne or another institution, you may be eligible to receive credit for your previous studies and enter your postgraduate program with advanced standing.

Visit www.swinburne.edu.au/postgrad/courses/pathways to find out if your previous study is eligible for credit transfer in the program of your choice.

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 in your course.

Visit www.swinburne.edu.au/rpl
Flexible study options

We provide a number of options to help fit study into your schedule and that allow you to progress at your own pace.

**On-campus study**
Most of our postgraduate coursework programs can be taken on a full-time or part-time basis. Classes may be offered during the day, in the evening or on weekends. Most of our on-campus programs are delivered at our Hawthorn and Prahran campuses.

Note: After 2013, it is anticipated that teaching will continue at the Hawthorn campus only.

**Distance education**
Distance education means little or no time is required on campus. With this option, you receive a range of comprehensive learning materials, which may include study guides, readings, set exercises, references and online learning.

**Online learning**
Some programs are available entirely online; others have selected online units. Students may study via virtual lectures and e-tutors, and stay in touch through email and group chat rooms. Some online units will be complemented with on-campus workshops.

**Block release**
A limited number of programs offer a ‘block release’ option – an intensive block of classes that allow students to attend several full-day sessions, rather than regular weekly classes. Regional or interstate students and others who need to travel to attend campus find these releases particularly beneficial.

**Winter and Summer terms**
If you want to speed up your studies, some programs offer extra units of study in our Summer or Winter terms. Visit [www.swinburne.edu.au/summer-winter](http://www.swinburne.edu.au/summer-winter) for more information.

**Intakes**
Our postgraduate courses usually have two key intakes per year: one in late February/early March and another in late July/early August. A number of programs have additional intake dates throughout the year.


**International exchange**
Returning to study also opens up the opportunity to participate in an international exchange or short-term international study program. There are a range of options for postgraduate students wanting to combine an overseas experience with their study.

Swinburne has an international reputation for quality research that connects science and technology with business and the community. Our focus is on achieving significant innovations that address challenges and advance society. Our researchers foster extensive national and international academic networks and connections with industry, providing excellent opportunities for students.

Swinburne was awarded a four-star rating for research intensity in The Good Universities Guide to Postgraduate Courses 2012. Swinburne has been ranked as one of the world’s top 400 research-intensive universities by the Academic Ranking of World Universities (ARWU). In 2012, the ARWU also named Swinburne a top 100 research university in the world in the field of physics.

Our research success has been recognised at state and federal government levels. Swinburne receives significant government investment in research projects and new infrastructure, including the Advanced Technologies Centre, which houses state-of-the-art laboratories and $40 million in research technologies.

Visit [www.swinburne.edu.au/research](http://www.swinburne.edu.au/research) for more information about our research programs and latest achievements.

Research focus

Our research is carried out across a range of multidisciplinary fields. Swinburne has particular research strengths in:

- business and enterprise – entrepreneurship and social enterprise, work and ageing, public sector management and international business
- design – design education and designed learning environments, designing virtual environments, product development and innovation, emotion and design
- engineering – advanced manufacturing, sustainable infrastructure, fluid flow modelling and advanced materials
- information and communication technologies – software engineering, internet infrastructure and applications, intelligent systems and information systems
- life and health sciences – brain science, psychology, biotechnology and biomedical instrumentation
- physical and chemical sciences – laser and optics, astronomy, astrophysics and molecular modelling
- social sciences – media and communications, citizenship and government, cities and housing, technology and society.

Research programs

Swinburne has 14 research centres that bring together leading researchers and provide valuable opportunities for postgraduate research students. Our major research centres offer programs that target industry-specific problems and address the needs and demands of society.

This connection – with local and international industries, research institutions, and government and community services – can be invaluable for your career. Our postgraduate research programs give you access to excellent facilities, ample resources, ongoing support and committed academic supervision.

A number of programs are available, including:

- Doctor of Design
- Doctor of Philosophy (PhD) – by thesis, exegesis/project or publication
- Doctor of Psychology (Clinical)
- Doctor of Psychology (Counselling)
- Master of Arts (by research)
- Master of Commerce (by research)
- Master of Design (by research)
- Master of Engineering (by research)
- Master of Science (by research).

The standard duration for completion of a master degree by research is two years; for a PhD it is three years, but there are some exceptions.

Research achievements

Our research has produced numerous innovative breakthroughs, including:

- developing the world’s most efficient broadband nanoplasmonic solar cell technology with the potential to double the efficiency and halve the cost of future solar power installations
- using nanoscopic particles to create 5D storage disc capacity equivalent to more than 2000 times current DVDs
- developing an endoscopic two-photon microscope that aids in the diagnosis of cancer
- developing a technique that paves the way for the use of super light-weight magnesium in the manufacture of lighter, more environmentally friendly cars
- developing ground-breaking techniques to change the surface of titanium implants and develop bioactive coatings to reduce the risk of infection and rejection for people with surgical implants
- conducting the most comprehensive global study of its kind, which found that ocean wind speeds and wave heights have increased significantly over the last 25 years
- leading international astronomy research teams in:
  - the Wiggle Z survey of more than 200,000 galaxies finding ‘dark energy’ is real
  - the discovery of a small planet made of diamond in our Milky Way
  - observing the oldest supernovae ever seen, reaching back 12 billion years.

Venture magazine

Venture magazine provides a glimpse of the exciting, high-quality research and education initiatives being undertaken by researchers at Swinburne. It shows how our researchers develop innovative solutions that advance society through partnerships with industry, government, community and other research organisations.

Visit [www.swinburne.edu.au/magazine](http://www.swinburne.edu.au/magazine) to subscribe to Venture, or read current and past issues online. It is also available free for iPad through the iTunes app store.
Student support services

Whether you’re returning to study after a long absence or you’re in the workplace and want to retrain for a promotion or career change, there are a number of services that can make your transition to study easier.

University study skills
To help you make a successful start or return to university, Swinburne offers a program in advanced study skills. The Course in Tertiary Transition Skills provides a supportive and practical small-group environment, where you can familiarise yourself with the typical skills needed to best manage the pressures and challenges of degree-level study.

The program is available for students making the transition from school to university, from a diploma or advanced diploma to a degree and students without recent study experience. You will be introduced to the independent learning skills required for university and get a taste of the environment and some hands-on skills such as referencing and research. You can undertake the program either on campus or online.

Academic Success Program
Returning to student life can be challenging. Swinburne’s Academic Success Program eases the transition into study. The program provides a range of support services, including counselling, workshops and online resources, to give you the skills you need to succeed.

Orientation and transition
If you’ve been out of study for a number of years, we understand that you might be feeling a little apprehensive. Swinburne’s postgraduate orientation programs can help you prepare. Orientation programs are generally held in the week preceding class commencement. They provide information on:

- administration systems
- timetabling
- library information
- student services
- academic success
- program overviews
- networking.

Advice on career planning
Swinburne has extensive careers and employment support services available to students, including:

- help and advice with career planning
- access to seminars, résumé checking and an online job service
- a range of specially developed online resources, including research and reports
- tips on how to self-market, both in person and in writing
- information on pursuing an academic career.
Visit www.swinburne.edu.au/career-planning

Counselling support
Swinburne students can access free counselling for any study, work, personal or relationship issues they are experiencing.
Visit www.swinburne.edu.au/counselling

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.
Visit www.swinburne.edu.au/disability

Swinburne Alumni
When you enrol in a postgraduate qualification at Swinburne, you automatically become a member of the Swinburne Alumni community.
Swinburne Alumni gives members access to a range of benefits and services, including professional development and networking opportunities. Following graduation, your membership will be your link to your school or faculty, and to the Swinburne Alumni community around the world.
Visit www.swinburne.edu.au/alumni
Our campuses offer lively and inclusive communities. A range of facilities and services are provided to support and help you balance the demands of study with your other interests. Many of these facilities and services are funded in part by the annual student amenities fee.

**Multimillion-dollar facilities**
Swinburne has made significant investment in 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 to students.

New buildings include:
- the Advanced Technologies Centre (Hawthorn campus, pictured right), featuring state-of-the-art laboratories and research and teaching facilities
- the George building (Hawthorn campus), housing student health, careers and employment services, study areas and a games room
- the $100 million new home of design and innovation, which will open at the Hawthorn campus in 2014.

**Wireless networking**
Wireless network access at Swinburne means that you can turn on your laptop or mobile telephone 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 assessments.

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

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

**Sport and recreation**
The Hawthorn campus offers gym facilities and personal training (at student-friendly rates), as well as several sporting clubs for students to join.

**Health services**
Friendly and accessible health services are available across all campuses, including free appointments with registered nurses (all campuses) and affordable appointments with doctors (Hawthorn campus).

**Childcare facilities**
Childcare centres are located at the Hawthorn and Prahran campuses, and operate Monday to Friday. Fees apply.
Tuition fees for postgraduate programs are listed alongside the relevant program information in this publication. You may also need to allow for the purchase of books or equipment.

There is also a student services and amenities fee. In 2012, the fee is $263 for a full-time student.

The fees for single units are listed under individual course outlines on our fees website.

Note: Fees are reviewed each year and may increase without notice.

Fees are payable at the time of enrolment for each semester. There are three payment options:

- pay the full tuition fee up-front
- pay some of the tuition fee up-front and request a FEE-HELP loan for the remainder of the fee
- request a FEE-HELP loan for the full tuition fee.

Visit www.swinburne.edu.au/fees

**FEE-HELP**

Financial assistance is available in the form of the Commonwealth Government’s FEE-HELP program. It is available to eligible fee-paying students to help pay part or all of their tuition fees, and allows you to defer all or part of the cost of the fee-paying course.

You are entitled to FEE-HELP assistance if you:

- are undertaking study with an approved higher education provider
- meet the citizenship or residency requirements
- are enrolled in eligible unit(s) on or before the census date and remain registered at the end of the census date*
- do not hold a Commonwealth supported place in relation to that unit(s)
- have a tax file number
- have submitted a valid Request for FEE-HELP Assistance form on or before the census date*
- have not exceeded the FEE-HELP limit.

For 2013, the FEE-HELP limit is $93,204 for most courses. This amount is indexed each year.

You will start repaying your FEE-HELP debt via your taxed salary once you begin earning above the compulsory repayment threshold. Payments continue until the loan is repaid.

Visit www.studyassistant.gov.au


**Commonwealth supported places**

Though most undergraduate students study in Commonwealth supported places (CSP), CSP are also available for a limited number of Swinburne 2013 postgraduate programs:

- Master of Professional Accounting
- Master of Psychology (Clinical Psychology)
- Master of Technology (Information Technology).

Students enrolled in these programs are only required to contribute part of the cost of their course.

For more information, call 1300 275 794.

**Scholarships**

Scholarships are awarded based on a range of criteria, including academic merit, community consciousness and leadership potential.


**Employer assistance**

Many employers have study support policies that include financial and other support. Speak to your employer to find out if you are eligible to receive such assistance.

**VET FEE-HELP**

Students undertaking a vocational graduate certificate may be eligible for financial assistance via VET FEE-HELP. This 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. VET FEE-HELP does not cover the loan fee, any amenities or materials fees, accommodation or living expenses.

How to apply

Admission to a master degree by coursework generally requires applicants to hold a bachelor degree. However, if you have enough work experience, you may be granted admission at either a graduate certificate or graduate diploma level. On successful completion of these courses you may progress to the master degree.

Application process

To apply for a postgraduate program follow this step-by-step process.

1 Choose the course that suits your interests and career goals
   ■ See pages 12 to 44 for program descriptions. You can list up to three preferences in the application form.
   ■ You may like to attend a postgraduate information session or make a one-on-one appointment with a course adviser to learn more about your study options.

2 Complete the application form
   Visit https://swinburne.onlineappform.com.au to apply online.

3 Attach supporting documentation
   Gather your supporting documentation. This may include a:
   ■ certified copy of your passport or birth certificate for proof of citizenship/residency
   ■ certified copy of your academic award(s)
   ■ statement of purpose explaining what you hope to achieve from your studies
   ■ current résumé.
   Supporting documentation must be certified as a true and correct copy of the original by either the issuing body or by a person qualified to witness a statutory declaration (e.g. police officer, chemist, doctor, accountant). Photocopies of previously certified documents are not acceptable.

4 Submit your application
   Applications, including supporting documentation, can be submitted in person, online, by email or by post.
   Some programs have early closing dates. Visit www.swinburne.edu.au/postgrad for all current application closing dates.
   You will receive email notification from the university when your application has been received. Once your application has been assessed, you will be notified of the outcome.

5 Accepting your offer
   If your application is successful, you will receive a letter of offer.
   To accept your offer, you will need to confirm your acceptance via email at enrol@swinburne.edu.au

6 Enrolling in your program
   Prior to commencing your program you will be asked to formally enrol in your chosen subjects.
   Your enrolling faculty or school will send you instructions on what you need to do to enrol.

Postgraduate information sessions

Postgraduate events and information sessions are held throughout the year. They provide a great opportunity to meet and talk to staff about your postgraduate study options.

The sessions can help you understand what your chosen postgraduate program entails – what you can learn, what your study options are and where your qualification may take you.

One-on-one appointments

Swinburne course advisers are also available year-round to discuss which postgraduate program may be right for you and assist with your application.

Visit www.swinburne.edu.au/postgrad/events for session dates or to book a one-on-one appointment.

International students

Swinburne produces a publication specifically for international students looking to study at postgraduate level. It contains course information, admission advice, entry requirements and information on tuition fees. To obtain a copy, contact:

Swinburne International
Telephone: +61 3 8676 7002 (outside Australia) or 1800 897 973 (within Australia)
Email: international@swinburne.edu.au
www.swinburne.edu.au/international
Course information

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Aviation

Swinburne’s aviation programs have been developed in consultation with industry to ensure the content reflects the dynamics of this rapidly changing area. Our programs are for those seeking to assume senior management roles in aviation organisations, or to enhance their skills and abilities.

Aviation human factors

Master of Aviation (Human Factors) – M096N
Incorporating:
Graduate Diploma of Aviation (Human Factors) – M095N
Graduate Certificate of Aviation (Human Factors) – M094N

Course description
This program is designed to enhance students’ skills and abilities to design and implement human factors programs within the aviation industry. It also provides insight into management of the air transportation industry. Students gain an understanding of the multiple facets of human factors training and its application.

The Aviation Industry Conference, an annual three-day event held at the Hawthorn campus, forms a free unit of study and attendance is compulsory for all students enrolled in this program. Students only need to complete this unit once, regardless of the duration of their program.

Career opportunities
Graduates may find employment as an airline or airport manager, airline flight/ground operator or airport planner, or as part of the Civil Aviation Safety Authority.

Aviation management

Master of Aviation (Management) – MF96N
Incorporating:
Graduate Diploma of Aviation (Management) – MF95N
Graduate Certificate of Aviation (Management) – MF94N

Course description
This program is designed to develop students’ understanding and approach to the multi-organisational aspects of commercial aircraft operation. It provides students with the necessary skills in the field of air transportation management. The program also provides insight into the multiple facets of management, including organisational, regulatory, technical and business contexts, and their application in the air transportation industry.

The Aviation Industry Conference, an annual three-day event held at the Hawthorn campus, forms a free unit of study and attendance is compulsory for all students enrolled in this program. Students only need to complete this unit once, regardless of the duration of their program.

Career opportunities
Graduates may find employment in airline or airport planning and operational functions, or in roles in regulator or other aviation organisations.

Operational safety systems

Professional Certificate of Aviation (Operational Safety Systems) – MF82N

Course description
This course provides the specific vocational knowledge and skills for aviation professionals seeking or undertaking operational roles in a safety management system.

Career opportunities
Graduates may wish to pursue further studies in aviation.

Professional recognition
This course meets the Civil Aviation Safety Authority (CASA) guidelines for Civil Aviation Authority Publications (CAAPs) SMS-1(0), SMS-2(0) and SMS-3(0), and amendments to CAD 82.5.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.

Industry advisory committee
The Swinburne Aviation Industry Advisory Committee comprises senior executives from the aviation industry, within Australia and overseas. The committee meets with academic staff to review the content of our undergraduate and postgraduate programs and provide advice on the accreditation of new programs.
A longing to be part of the Australian aviation industry led me to undertake this course. I chose to study at Swinburne because its aviation courses are second to none, and I’m able to study part-time online and still work full-time. I have a much greater appreciation for and understanding of the challenges of safe aviation operations, and as I head into a career in air traffic control this sort of awareness could not be more valuable.

Stephanie
Master of Aviation (Human Factors)
Business, Commerce and Management

In today’s business environment it is essential that employees are able to demonstrate an increasing contribution to their organisations through postgraduate study. Programs in these disciplines are ideal if you’re looking to start your own business, sharpen existing knowledge or upgrade your skill set to move into a more senior position.

Accounting

- Master of Practising Accounting – CMPA740
  
  **Campus:** Hawthorn  
  **Duration:** 2 yrs FT or 4 yrs PT  
  **Total course fees***: $40,000  
  **Intake:** February, August  

  **Entry requirements**  
  Applicants should have relevant and significant work experience. This program is a non-graduate entry option for students wanting to specialise in accounting for professional recognition who do not have a recognised bachelor degree. Applicants who have a recognised bachelor degree who wish to undertake a two-year program are also encouraged to apply.

  **Course description**  
  This program offers students the opportunity to specialise in accounting for professional recognition. Accounting is the language of business and the skills taught in this program are relevant to many areas of professional interest, including marketing, economic forecasting, finance and engineering. Knowledge of accounting and finance can help individuals and organisations understand how to use resources (money) to the best advantage.

  **Career opportunities**  
  Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in the accounting and finance areas.

  **Professional recognition**  
  Graduates may be eligible to apply for associate membership of CPA Australia, the Institute of Chartered Accountants in Australia (ICAA), the Institute of Public Accountants (IPA) and the Association of Chartered Certified Accountants (ACCA).

- Master of Professional Accounting – CMPA640  
  **Incorporating:**  
  Graduate Diploma of Professional Accounting – CMPA540  
  Graduate Certificate of Professional Accounting – CMPA440  

  **Campus:** Hawthorn  
  **Duration:** Master – 1.5 yrs FT or 3 yrs PT  
  **Total course fees***: Master – $30,000  
  **Intake:** February, August

- Master of Professional Accounting Global Leadership Program – CMPA640U  

  **Campus:** Hawthorn  
  **Duration:** 2 yrs FT or 4 yrs PT  
  **Total course fees**: $48,600  
  **Intake:** February, June, August

  **Entry requirements**  
  A recognised bachelor degree in a discipline other than accounting. Students who wish to study in the USA must obtain an appropriate visa.

  **Course description**  
  This program offers students two professionally recognised master degrees in two years from two high-ranking institutions: a Master of Professional Accounting from Swinburne and a Master of Science in Leadership from Northeastern University in Boston, USA.

  The accounting component provides students with the technical, practical, analytical and creative skills required to deal effectively with accounting and finance issues in planning and decision-making. The leadership component is designed to assist students to meet the challenges of an increasingly complex and diverse workforce.

  The program is delivered in Melbourne via a combination of face-to-face and online delivery modes. Students also have the opportunity to undertake part of the program at Northeastern, subject to application and visa requirements.

  **Career opportunities**  
  Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in international labour markets.

  **Professional recognition**  
  Graduates may be eligible to apply for associate membership of CPA Australia, the Institute of Chartered Accountants (ICAA), the Institute of Public Accountants (IPA) and the Association of Chartered Certified Accountants (ACCA).

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*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Business administration

- **Master of Business Administration** – CMBA640
  - Incorporating:
    - Graduate Diploma of Business Administration – CMBA540
    - Graduate Certificate of Business Administration – CMBA440

  **Campus:** Hawthorn
  **Duration:**
  - Master: 1.5 yrs FT or 3 yrs PT
  - Graduate diploma: 1 yr FT or 2 yrs PT
  - Graduate certificate: 0.5 yr FT or 1 yr PT
  **Total course fees**: Master – $32,400
  - Graduate diploma – $21,600
  - Graduate certificate – $10,800
  **Intake:** February, September

  **Entry requirements**
  A recognised bachelor degree with at least a credit average, plus at least three years’ relevant work experience. Applicants without a relevant qualification who have at least five years’ relevant experience are also encouraged to apply. All applicants are required to submit a statement outlining their reasons for applying to the program.

  **Course description**
  This program provides opportunities for students to develop their capability to engage and deal with uncertainty, change and turbulence in the environments in which their organisations operate. Students also develop skills in strategy, leadership, innovation, and ethical and social responsibility.

  **Career opportunities**
  Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in leadership and management roles.

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Business management

- **Master of Business Management** – L7801
  - Incorporating:
    - Graduate Diploma of Business Management – L6801
    - Graduate Certificate of Business Management – L5801

  **Campus:** Hawthorn/Prahran/online
  **Duration:**
  - Master: 1.5 yrs FT or 3 yrs PT
  - Graduate diploma: 1 yr FT or 2 yrs PT
  - Graduate certificate: 0.5 yr FT or 1 yr PT
  **Total course fees**: Master – $26,400
  - Graduate diploma – $17,600
  - Graduate certificate – $8,800
  **Intake:** February, August

  **Entry requirements**
  A recognised bachelor degree or advanced diploma with at least 12 months’ relevant industry experience, or at least four years’ relevant work experience.

  **Course description**
  This program is suitable for graduates from a range of disciplines. Students acquire an understanding of global, national and local pressures on business and a capacity to respond effectively to those pressures. They also learn how to develop dynamic and strategic responses to the complex internal and external challenges in organisations.

  **Career opportunities**
  Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement into middle- or senior-management roles.

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Business systems

- **Master of Technology (Business Systems)** – L7601B
  - Incorporating:
    - Graduate Diploma of Technology (Business Systems) – L6601B
    - Graduate Certificate of Technology (Business Systems) – L5601B

  **Campus:** Online
  **Duration:**
  - Master: 1.5 yrs FT or 3 yrs PT
  - Graduate diploma: 1 yr FT or 2 yrs PT
  - Graduate certificate: 0.5 yr FT or 1 yr PT
  **Total course fees**: Master – $26,400
  - Graduate diploma – $17,600
  - Graduate certificate – $8,800
  **Intake:** February, June, August, November

  **Entry requirements**
  A recognised bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

  **Course description**
  This program is designed to meet the needs of students with a range of industry backgrounds. It extends their knowledge, skills and strategic approach to the practice and development of information technology resources to meet the relevant industry requirements.

  **Career opportunities**
  Graduates will be equipped for roles in IT management, general business management, operations management, customer relationship management, logistics and supply chain management, resource management, change management, business systems planning or IT industry analysis. They may also progress to the role of chief information officer.
**Business, Commerce and Management**

### Commerce

- **Master of Commerce** – L7201
  - Incorporating:
    - Graduate Diploma of Commerce – L6201
    - Graduate Certificate of Commerce – L5201
  - **Campus:** Online
  - **Duration:** Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - **Total course fees**: Master – $26,400
    - Graduate diploma – $17,600
    - Graduate certificate – $8800
  - **Intake:** February, June, August, November

- **Entry requirements**
  - A recognised bachelor degree or advanced diploma or approved equivalent. Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

- **Course description**
  - This program provides students with concepts, frameworks and research methods to support analytical and decision-making skills in an increasingly complex global environment. It highlights contemporary issues and themes requiring innovative and flexible commercial and managerial responses.

- **Career opportunities**
  - Graduates can operate confidently and effectively in a global business environment in the profit and not-for-profit sectors.

### Entrepreneurship and innovation

- **Master of Entrepreneurship and Innovation** – CMEI640M
  - Incorporating:
    - Graduate Diploma of Entrepreneurship and Innovation – CMEI540M
    - Graduate Certificate of Management Studies – CMMS440
  - **Campus:** Hawthorn
  - **Duration:** Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - **Total course fees**: Master – $32,400
    - Graduate diploma – $21,600
    - Graduate certificate – $10,800
  - **Intake:** February, August

- **Entry requirements**
  - A recognised bachelor degree with a minimum credit average. Applicants without a relevant qualification who have relevant work experience (usually at least three years) and evidence of academic capability are also encouraged to apply. Applicants who do not have sufficient work experience can make a submission to the program coordinator outlining their suitability for the program.

- **Course description**
  - This program is designed to help students understand the hurdles, opportunities and fundamental requirements that must be in place in order to realise their vision for a new, or renewed, organisation. It will assist in the introduction of new businesses, new products or new processes to the market whether in a charitable or corporate organisation, a small business or a government agency. The program has been comprehensively redeveloped to include a broad range of relevant case studies and knowledge areas. Students have many opportunities to work on projects that have direct relevance to their work.

- **Career opportunities**
  - Graduates will be equipped with skills to introduce new businesses, new products or new processes to a range of business environments, including corporate, small business, charitable organisations or government agencies.

### Executive administration

- **Graduate Certificate of Business Management (Executive Administration)** – L5801EA
  - **Campus:** Prahran/online
  - **Duration:** 0.5 yr FT or 1 yr PT
  - **Total course fees**: $8800
  - **Intake:** February, August

- **Entry requirements**
  - A recognised bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

- **Course description**
  - This program has been specifically designed to meet the needs of office staff who want to develop high-level knowledge and skills in the professional area of executive administration.

- **Career opportunities**
  - Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in a broad business and international business environment. They may also progress to the Graduate Diploma of Business Management and Master of Business Management.

- **Professional recognition**
  - Graduates may be eligible for membership of the Australian Institute of Office Professionals (AIOP).

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*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.*
## Finance and banking

- Master of Finance and Banking – CMFB640
  - Incorporating:
    - Graduate Diploma of Finance and Banking – CMFB540
    - Graduate Certificate of Finance and Banking – CMFB440
  - Campus: Hawthorn
  - Duration: Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - Total course fees: Master – $30,000
    - Graduate diploma – $20,000
    - Graduate certificate – $10,000
  - Entry requirements
    - A recognised bachelor degree.
  - Course description
    - This program offers students specialised knowledge in modern finance. Students learn about the latest developments in the fields of finance and banking.
  - Career opportunities
    - Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement.

## Human resource management

  - Incorporating:
    - Master of Commerce (Human Resource Management) – CMHR640
    - Graduate Diploma of Commerce (Human Resource Management) – CMHR540
    - Graduate Certificate of Commerce (Human Resource Management) – BHR440
  - Campus: Hawthorn/online
  - Duration: Master (HRM) – 2 yrs FT or 4 yrs PT
    - Master (IHRM) – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - Total course fees: Master (HRM) – $40,000
    - Master (IHRM) – $30,000
    - Graduate diploma – $20,000
    - Graduate certificate – $10,000
  - Entry requirements
    - A recognised bachelor degree.
  - Course description
    - This program is ideal for human resource practitioners or those who wish to enter the profession. It provides a unique opportunity for students to gain specialised human resource management and business knowledge.
  - Career opportunities
    - Many graduates may already be established in a business career. They will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement.
  - Professional recognition
    - Graduates will be eligible to apply for full membership of the Australian Human Resources Institute (AHRI).

## International business

- Master of Commerce (International Business) – CMIB640
  - Incorporating:
    - Graduate Diploma of Commerce (International Business) – CMIB540
    - Graduate Certificate of Commerce (International Business) – CMIB440
  - Campus: Hawthorn
  - Duration: Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - Total course fees: Master – $30,000
    - Graduate diploma – $20,000
    - Graduate certificate – $10,000
  - Entry requirements
    - A recognised bachelor degree with at least a credit average. Applicants with a recognised bachelor degree with less than a credit average are also encouraged to apply. Relevant business experience is preferred but not essential. Applicants without a relevant qualification who have at least five years’ relevant work experience are also encouraged to apply.
  - Course description
    - This program provides students with specialised knowledge in international business. Students learn how to recognise and take advantage of the opportunities – and to deal with the challenges – inherent in international business environments.
  - Career opportunities
    - Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in international business.
International business (continued)

■ Master of International Business – CMIB640M
Incorporating:
Graduate Diploma of International Business – CMIB540M
Graduate Certificate of Management Studies – CMMS440

Campus: Hawthorn

Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Graduate certificate – 0.5 yr FT or 1 yr PT

Total course fees*: Master – $30,000
Graduate diploma – $20,000
Graduate certificate – $10,000

Intake: February, August

Entry requirements
A recognised bachelor degree with at least a credit average. Applicants with a recognised bachelor degree with less than a credit average are also encouraged to apply. Relevant business experience is preferred but not essential. Applicants without a relevant qualification who have at least three years’ relevant work experience are also encouraged to apply.

Course description
This program combines specialised knowledge in international business with studies in management. Students gain an understanding of the principal areas of business, including accounting principles, marketing fundamentals, human resource management, supply chain management and logistics, and the economics of supply and demand.

Career opportunities
Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in international business.


Campus: Hawthorn

Duration: 2 yrs FT or 4 yrs PT
Total course fees*: $24,300
Intake: February, August

Entry requirements
A recognised bachelor degree with at least a credit average. Students who wish to study in the UK must obtain an appropriate visa.

Course description
This program offers students two professionally recognised master degrees in two years from two high-ranking institutions: a Master of Commerce (International Business) from Swinburne and a Master of Science (Global Financial Management) from Northumbria University in Newcastle upon Tyne, UK. The program is designed to prepare today’s managers and emerging leaders to meet the challenges of a turbulent global financial environment, where tasks are becoming increasingly complex.

The first year of the program is delivered in Melbourne; the second and final year is offered at Northumbria’s Newcastle Business School and delivered in Newcastle upon Tyne.

Career opportunities
Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in international business. They will be well positioned for roles across multiple international labour markets.

■ Master of Commerce (International Business) Global Leadership Program – CMIB640U
Incorporating:
Graduate Diploma of Commerce (International Business) Global Leadership Program – CMIB540U

Campus: Hawthorn

Duration: Master – 2 yrs FT or 4 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Total course fees*: Master – $43,200
Graduate diploma – $21,600

Intake: February, June, August

Entry requirements
A recognised bachelor degree with at least a credit average. Applicants with a recognised bachelor degree with a minimum pass average may be eligible to enrol at the graduate diploma level. Students who wish to study in the USA must obtain an appropriate visa.

Course description
This program offers students two professionally recognised master degrees in two years from two high-ranking institutions: a Master of Commerce (International Business) from Swinburne and a Master of Science in Leadership from Northeastern University in Boston, USA.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Leadership Program – CMKT640U

Campus: Hawthorn
Duration: 2 yrs FT or 4 yrs PT
Total course fees*: $43,200
Intake: February, June, August

Entry requirements
A recognised bachelor degree with at least a credit average. Applicants with a recognised bachelor degree with less than a credit average may be considered, but must submit a 500-word statement demonstrating their suitability for the program. Students who wish to study in the USA must obtain an appropriate visa.

Course description
This program offers students two professionally recognised master degrees in two years from two high-ranking institutions: a Master of Marketing from Swinburne and a Master of Science in Leadership from Northeastern University in Boston, USA.

The program is designed to assist today’s leaders and prepare emerging leaders to meet the challenges of a continually diversifying workforce where tasks are becoming increasingly complex.

The program is delivered in Melbourne via a combination of face-to-face and online delivery modes. Students also have the opportunity to undertake part of the program at Northeastern, subject to application and visa requirements.

Career opportunities
Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in marketing. They will be well positioned for roles across multiple international labour markets.

Organisational leadership

Graduate Certificate of Business Management (Organisational Leadership) – L5801OL

Campus: Prahran/online
Duration: 1 yr PT
Total course fees*: $8800
Intake: February, August

Entry requirements
A recognised bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

Course description
This program provides an understanding of leadership across an organisation and the role of influence. Students will investigate emerging leadership models and behaviour, and apply an understanding of group and team dynamics to work team design. Students also explore the impact of leadership on the change process and its effect on human resources management and organisational culture.

Career opportunities
Successful completion of this program can improve employment prospects, enhance current job performance, aid promotion and increase graduates’ ability to meet new opportunities in a global business environment. Graduates will be equipped to pursue careers in the leadership and management of organisations across all industry sectors.

Risk management

Graduate Certificate of Business Management (Risk Management) – L5801RISK

Campus: Prahran/online
Duration: 1 yr PT
Total course fees*: $8800
Intake: February, August

Entry requirements
A recognised bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

Course description
This program is designed to meet the demand from business for managers with a greater awareness of factors posing a risk to the financial position and reputation of an organisation. Students will acquire an understanding of the types of risk present across an organisation and how to manage those risks. They will also explore the concepts of corporate governance, compliance, control and reporting within the context of managing risk.

Career opportunities
Successful completion of this program can improve employment prospects, enhance current job performance, aid promotion and increase graduates’ ability to meet new opportunities in a global business environment. Graduates will be equipped to pursue careers in the management of risk, compliance, finance and governance.

Public relations

Graduate Certificate of Business Management (Public Relations) – L5801PR

Campus: Prahran
Duration: 1 yr PT
Total course fees*: $8800
Intake: February, August

Entry requirements
A relevant bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

Course description
This program provides students with enhanced research, problem-solving, strategic thinking, planning, management and communication skills.

Career opportunities
Graduates will be equipped for public relations management roles and to take responsibility for the preparation of internal and external communications. Graduates may also progress to the Graduate Diploma of Business Management and Master of Business Management.

Professional recognition
Graduates may be eligible for membership of the Public Relations Institute of Australia (PRIA).
A desire to succeed in my professional career and a need to constantly challenge myself led me to undertake study at Swinburne. This course complements the work I do every day, teaching me the skills I need to succeed in my career. The most rewarding part of my Swinburne experience has been meeting and learning from other like-minded and passionate students.

Jennifer
Graduate Certificate of Business Management (Public Relations)
Retail management

Graduate Certificate of Business Management (Retail Management) – L5801RM

Campus: Prahran
Duration: 1 yr PT
Total course fees*: $8800
Intake: February, August

Entry requirements
A recognised bachelor degree or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

Course description
This program provides students with an understanding of the traditional framework of retailing. It addresses the realities and challenges of retailing in a competitive environment, including the emergence of retailing technologies. Students learn about the importance of adopting a strategic approach to retailing in a complex, competitive environment.

Career opportunities
Graduates will be equipped for retail supervisory and management roles. They may also progress to the Graduate Diploma of Business Management and Master of Business Management.

Social investment and philanthropy

Master of Social Investment and Philanthropy – CMSF640 Incorporating:
Graduate Diploma of Social Investment and Philanthropy – CMSP540
Graduate Certificate of Management Studies – CMMS440

Campus: Hawthorn
Duration: Master – 3 yrs PT
Graduate diploma – 2 yrs PT
Graduate certificate – 1 yr PT
Total course fees*: Master – $30,000
Graduate diploma – $20,000
Graduate certificate – $10,000
Intake: February, August

Entry requirements
A recognised bachelor degree with at least a credit average. Applicants without a relevant qualification who have at least three years’ relevant work experience are also encouraged to apply.

Course description
This program is designed for those involved, or who wish to become involved, in personal giving, whether as donors, trustees or advisers. It provides graduates with policy and applied research skills, conceptual development and technical management skills, and new technology skills.

Career opportunities
Graduates may find management, administration, trustee and program officer roles in private and corporate trusts and foundations, public and community affairs, funds management, financial advising, sponsorship and marketing, and consulting.

Suppliers chain management

Graduate Certificate of Business Management (Supply Chain Management) – L5801SCM

Campus: Hawthorn/online
Duration: 0.5 yr FT or 1 yr PT
Total course fees*: $8800
Intake: February, August

Entry requirements
A recognised bachelor degree or advanced diploma or approved equivalent, plus relevant industry experience (preferably at least 12 months). Applicants without a relevant qualification who have at least four years’ relevant business experience are also encouraged to apply.

Course description
This program introduces students to the complex principles and practices associated with the duties of managing and guiding industry and organisations in supply chain management.

Career opportunities
Graduates may find roles in purchasing, supply, logistics, distribution and warehousing. They may also progress to the Graduate Diploma of Business Management and Master of Business Management.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Design

Swinburne’s postgraduate programs in design develop design leaders of the future. The programs provide advanced study for designers who want to re-focus their career or achieve a higher specialisation to meet the challenges of today’s design industry.

Design Factory

The Swinburne Design Factory is the first ‘living lab’ dedicated to design in Australia. Student teams work in a professional setting to solve problems or improve products and services for business, government and not-for-profit organisations. Visit www.swinburne.edu.au/design/design-factory for more information.

Communication design

■ Master of Design (Communication Design) – DMCD60
Incorporating:
Graduate Diploma of Design (Communication Design) – DMCD61

Campus: Prahran, online
Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Total course fees*: Master – $30,000
Graduate diploma – $20,000
Intake: February

Entry requirements
A recognised bachelor degree in design or a design-related area, or a relevant diploma plus at least five years’ industry experience. All applicants must submit a portfolio of work; visit www.swinburne.edu.au/design/postgrad for submission guidelines.

Course description
This program provides advanced study for designers wishing to achieve higher specialisation in communication design, preparing them to meet the increasing demands of the design industry. The program offers an advanced understanding of how communication design projects – including branding programs and information design – are developed and executed in contemporary design practice.

Career opportunities
Graduates may find work in design consultancies, advertising, publishing, packaging, merchandising, design research or design management.

Professional recognition
Graduates may be eligible for membership of the Design Institute of Australia (DIA) and the Australian Graphic Design Association (AGDA).

Design anthropology

■ Master of Design (Design Anthropology) – DMDA30
Incorporating:
Graduate Diploma of Design (Design Anthropology) – DMDA31

Campus: Prahran, online
Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Total course fees*: Master – $30,000
Graduate diploma – $20,000
Intake: February

Entry requirements
A recognised bachelor degree in design, social science (especially anthropology), humanities, information science or a human–computer interaction discipline. Applicants with other tertiary qualifications and relevant industry experience are also encouraged to apply. All applicants must submit an entrance essay and a design or design strategy portfolio; visit www.swinburne.edu.au/design/postgrad for submission guidelines.

Course description
This program provides students with the skills to understand diverse human values and to translate these values into desirable design outcomes that enhance human experiences. The program also prepares students for leadership in a global, culturally interconnected world.

Career opportunities
As a design anthropologist, anthrodesigner or ethnographer graduates may choose to explore a career as a user experience (UX) designer/researcher, interaction designer/researcher, branding insights specialist, consumer insights specialist or social and product innovation consultant.

Professional recognition
Graduates may be eligible for membership of the Design Institute of Australia (DIA).

Interior design

■ Master of Design (Interior Design) – DMINTD60
Incorporating:
Graduate Diploma of Design (Interior Design) – DMINTD61

Campus: Prahran, online
Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Total course fees*: Master – $30,000
Graduate diploma – $20,000
Intake: February, August

Entry requirements
A recognised bachelor degree in design or a design-related area, or a relevant diploma plus at least five years’ industry experience. All applicants must submit a portfolio of work; visit www.swinburne.edu.au/design/postgrad for submission guidelines.

Course description
This program provides advanced study for designers wishing to achieve higher specialisation in interior design. Students explore design projects with a focus on public environments (government agencies and institutions, theatres, cinemas, sporting venues and interpretation centres), commercial spaces (restaurants, offices, hotels, shopping areas and airports) and domestic environments.

Career opportunities
Graduates may find work in the areas of interior and exhibition design, hotel/retail design, theatre design, museum design, computer-aided design and design management.

Professional recognition
Graduates may be eligible for membership of the Design Institute of Australia (DIA).

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
After more than 20 years in industry I felt it was time to legitimise my experience; I chose to study at Swinburne because of its strong reputation in design. My course provides a challenging mixture of theory, social science and design, and the depth of knowledge of the teaching staff is impressive. I’m halfway through the course and I have already felt the impact on my career of undertaking further study – career connections and offers to meet and talk about future work are appearing more frequently.

Harry
Master of Design (Design Anthropology)
Currently under construction in the site next to the Advanced Technologies Centre is our state-of-the-art $100 million centre dedicated to design and innovation. The facility is partially funded by the federal government, which pledged $40 million to the project in 2010.

The centre is designed to be a hub for researchers and industry to carry out world-leading research, education and training. Leading multinational companies Boeing and Suntech Power Holdings are foundation partners in the centre.

The facility will also house a ‘Factory of the Future’, where students will be trained in the latest manufacturing techniques, transforming engineering education at Swinburne.

The Faculty of Design will also be located in this new building, bringing design students closer to engineering and business students and allowing for more collaborative learning.

Sinclair Knight Merz and London-based WilkinsonEyre Architects were commissioned to design the centre. The design comprises a six-storey block ‘floating’ above a retained Victorian facade at street level. Sculpted vertical fins, inspired by engine turbine blades, are modelled for optimum solar shading while also achieving transparency and giving a three-dimensional shape to the outer skin of the building.

Construction is due to be completed in 2014.
Digital Media

Swinburne’s digital media program is for graduates seeking to use multimedia to enhance existing professional skills (especially those in the teaching, training or media professions), or those wishing to pursue a career in the dynamic multimedia industry.

You can tailor a significant portion of your course to your own interests, choosing from a range of elective units from associated areas, such as business, information and communication technologies, media and design, as well as units presenting core multimedia content. Units provide hands-on experience with current industry software and applications.

Multimedia

- **Master of Multimedia Technology** – J106
  - Incorporating:
    - Master of Multimedia – J096
    - Graduate Diploma of Multimedia – J086
    - Graduate Certificate of Multimedia – J076
  - Campus: Hawthorn
  - **Duration:**
    - Master of Multimedia Technology – 2 yrs FT or 4 yrs PT
    - Master of Multimedia – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - **Total course fees**: Master of Multimedia Technology – $35,200
    - Master of Multimedia – $26,400
    - Graduate diploma – $17,600
    - Graduate certificate – $8,800
  - **Intake:** February, August

- **Entry requirements**
  - A recognised bachelor degree or postgraduate qualification, or approved equivalent. Applicants without a tertiary qualification who have substantial relevant multimedia industry experience are also encouraged to apply.

- **Course description**
  - This program is suitable for students in the teaching, training or media professions, or those wishing to pursue a career in the multimedia industry. It offers a comprehensive and highly focused approach to multimedia with a strong emphasis on practical skills.
  - The Master of Multimedia Technology builds on the multimedia units covered in the Master of Multimedia and develops knowledge of multimedia and related disciplines.

- **Career opportunities**
  - Graduates may pursue employment opportunities in roles such as multimedia producer, developer, programmer or business manager; network administrator; website developer or programmer; project manager; instructional designer; interactive content creator; 2D/3D modeller/ animator; or database developer. They may also explore roles in multimedia advertising, digital media production, digital signals and image processing.
Swinburne’s engineering programs aim to maximise career opportunities and provide a comprehensive practical and theoretical understanding of key issues and technologies. All of our programs are industry-based, producing leaders and professionals with advanced skills and knowledge who excel in operational, tactical and strategic management roles.

Advanced manufacturing technology

- **Master of Engineering Science (Advanced Manufacturing Technology) – IRAMT4A**
  
  **Incorporating:**
  
  Master of Engineering (Advanced Manufacturing Technology) – IRAMT3
  
  Master of Technology (Advanced Manufacturing Technology) – IRAMT2A
  
  Graduate Certificate of Engineering (Advanced Manufacturing Technology) – IRAMT1

  **Campus:** Hawthorn
  
  **Duration:**
  
  Master of Engineering Science – 2 yrs FT or 4 yrs PT
  
  Master of Engineering – 1.5 yrs FT or 3 yrs PT
  
  Master of Technology – 1 yr FT or 2 yrs PT
  
  **Graduate certificate – 0.5 yr FT or 1 yr PT**

  **Total course fees**: Master of Engineering Science – $43,200
  
  Master of Engineering – $32,400
  
  Master of Technology – $21,600
  
  Graduate certificate – $10,800

  **Intake:** February, August

  **Entry requirements**

  A recognised four-year bachelor degree in engineering or science with a minimum 60 per cent average. Applicants with other tertiary qualifications and relevant industry experience are also encouraged to apply.

  **Course description**

  This program provides students with an understanding of advanced and emerging manufacturing technologies. Students also learn the skills needed to implement these technologies in modern global and local industries.

  **Career opportunities**

  Graduates may find employment as design, manufacturing, production or systems engineers; engineering managers; or research and development engineers in the automotive, appliance manufacturing and other manufacturing industries.

Civil engineering

- **Master of Engineering Science (Civil) – C104A**
  
  **Incorporating:**
  
  Master of Engineering (Civil) – C103
  
  Master of Technology (Civil) – C102
  
  Graduate Certificate of Engineering (Civil) – C101

  **Campus:** Hawthorn
  
  **Duration:**
  
  Master of Engineering Science – 2 yrs FT or 4 yrs PT
  
  Master of Engineering – 1.5 yrs FT or 3 yrs PT
  
  Master of Technology – 1 yr FT or 2 yrs PT
  
  **Graduate certificate – 0.5 yr FT or 1 yr PT**

  **Total course fees**: Master of Engineering Science – $43,200
  
  Master of Engineering – $32,400
  
  Master of Technology – $21,600
  
  Graduate certificate – $10,800

  **Intake:** February, August

  **Entry requirements**

  A Bachelor of Engineering (Civil) with a minimum 60 per cent average.

  **Course description**

  This program provides students with advanced theoretical and practical knowledge about the design, procurement and asset management aspects of civil infrastructure projects. Students gain a comprehensive understanding of the issues and challenges associated with the civil engineering industry, including codes of practice; sustainability issues; environmental impacts; and financial, legal, project-management and risk considerations.

  **Career opportunities**

  Graduates may pursue a career as a civil or design engineer, construction manager, project engineer or manager; geotechnical engineer; water engineer or asset management engineer in a range of industries including engineering consultancy, construction, research organisations, the private sector and government authorities.

- **Master of Technology (Civil)/Master of Construction Management – C200**

  **Campus:** Hawthorn
  
  **Duration:** 2 yrs FT or 4 yrs PT
  
  **Total course fees:** $43,200

  **Intake:** February, August

  **Entry requirements**

  A Bachelor of Engineering (Civil) plus successful completion of a Graduate Certificate of Engineering (Civil) orhonours, or at least two years’ relevant industry experience.

  **Course description**

  This double degree program is for students who wish to enhance their knowledge and extend their professional development in the civil engineering and construction management fields. The program has an applied industry focus and includes units relevant to professional practice and contemporary research in these fields.

  **Career opportunities**

  Graduates will be prepared for roles where they lead and apply advanced technical and management skills to the design, procurement and management of building and infrastructure projects.

*Fees are indicative; reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.*
I completed a Bachelor of Engineering (Civil Engineering) at Swinburne’s Sarawak campus and I was very impressed with the quality of education, so I wanted to return to Swinburne to undertake my master’s degree. The engineering facilities at the Hawthorn campus are excellent and the teaching staff are approachable and helpful, which creates a comfortable yet challenging study environment.

Shu Chan
Master of Technology (Civil)
Construction management

- Master of Construction Management – C092R
  Incorporating:
  Graduate Diploma of Construction Management – C082R
  Graduate Certificate in Construction Management – C062R
  
  **Campus:** Hawthorn/distance
  **Duration:** Master – 1.5 yrs FT or 3 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT
  **Total course fees**: Master – $32,400
  Graduate diploma – $21,600
  Graduate certificate – $10,800
  **Intake:** February, August
  **Entry requirements**
  A recognised bachelor degree in civil, building, architecture, surveying or a related engineering discipline.
  
  **Course description**
  This program provides a structured study of advanced management theories, techniques and practices in the planning and management of building and infrastructure projects. Students gain significant knowledge and skills in procurement and project delivery, resource planning and management, project costing, health and safety, and risk management. Students also learn about the environmental, financial, legal and contractual considerations associated with project-based industries.
  
  **Career opportunities**
  Graduates will have enhanced skills in professional engineering and project management. They may pursue careers as a construction manager, project engineer/manager, asset and facilities manager, and procurement and project delivery professional in a range of industries, including engineering and project management consultancy, construction, and oil and gas, as well as in research organisations, the private sector and government authorities.

Electrical and electronic engineering

- Master of Engineering Science (Electrical and Electronic) – EE103
  Incorporating:
  Master of Engineering (Electrical and Electronic) – EE102
  Master of Technology (Electrical and Electronic) – EE101
  Graduate Certificate of Engineering (Electrical and Electronic) – EE100
  
  **Campus:** Hawthorn
  **Duration:** Master of Engineering Science – 2 yrs FT or 4 yrs PT
  Master of Engineering – 1.5 yrs FT or 3 yrs PT
  Master of Technology – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT
  **Total course fees**: Master of Engineering Science – $43,200
  Master of Engineering – $32,400
  Master of Technology – $21,600
  Graduate certificate – $10,800
  **Intake:** February, August

  **Entry requirements**
  A recognised four-year bachelor degree in electronic, computer or communication/telecommunication engineering, or a four-year bachelor degree in science in a relevant field.

  **Course description**
  This program focuses on three major areas of electrical and electronic engineering: power systems design safety and control, signal processing and control systems. Students can also choose electives in a number of areas including microelectronic engineering, mechatronics, renewable energy and engineering management. The program encourages entrepreneurial thinking to foster innovation in students’ business, workplace or community. Students will be prepared for future roles as an engineer with the practical experience and research skills to further progress their career in the electrical and electronics industries.

  **Career opportunities**
  Graduates may find employment in a range of industries, including electric and renewable energy, telecommunications, manufacturing, defence, automotive, medical imaging and testing companies, and research organisations.

Engineering management

- Master of Engineering Management – MEM88
  Incorporating:
  Graduate Diploma of Engineering Management – MEM77
  
  **Campus:** Hawthorn
  **Duration:** Master – 1.5 yrs FT or 3 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT
  **Total course fees**: Master – $32,400
  Graduate diploma – $21,600
  Graduate certificate – $10,800
  **Intake:** February, August
  
  **Entry requirements**
  A recognised bachelor degree in engineering or technology, or equivalent.

  **Course description**
  This program is for students who aspire to managerial or leadership roles in engineering industries. It aims to enrich a range of sophisticated engineering management knowledge areas essential to engineers and other professionals, in combination with management, business or research skills. The program has applied industry focus and includes units relevant to professional practice and contemporary research in this field.

  **Career opportunities**
  Graduates may follow a career as an engineering manager, senior engineer, project manager or asset and facilities manager in a range of engineering-related industries, as well as research organisations, the private sector and government. Graduates may also progress to undertake PhD research in one of the specialist areas of engineering management.
Port and harbour

Graduate Certificate in Engineering (Port and Harbour) – C110

Campus: Hawthorn/Distance
Duration: 1–2 yrs PT
Total course fees*: $10,800
Intake: February, August

Entry requirements
A Bachelor of Engineering, or equivalent, or relevant qualifications and experience.

Course description
This program has been designed for students already working in the port industry. Units form a specialised subset of those offered via the civil engineering program.

Career opportunities
Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in the maritime and port and harbour industry.

Risk management

Master of Risk Management – M097R
Incorporating:
Graduate Diploma of Risk Management – M087R
Graduate Certificate in Risk Management – M077R

Campus: Distance
Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Graduate certificate – 0.5 yr FT or 1 yr PT
Total course fees*: Master – $32,400
Graduate diploma – $21,600
Graduate certificate – $10,800
Intake: February, August

Entry requirements
A recognised bachelor degree in engineering or equivalent. Applicants with other tertiary qualifications in related disciplines and relevant industry experience are also encouraged to apply.

Course description
This program is suitable for professionals working, or seeking to work, in risk management related roles and responsibilities in the engineering industry. It is also designed to have considerable application for personnel in a wide range of technologically based industries, including transport (aviation, rail and shipping), heavy industry, process industries (chemical and pharmaceutical), oil and gas, mining and energy production. This course covers risk management in the areas of health, safety, plant, project, production, property, finance and environment.

Career opportunities
Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement in roles requiring risk management skills across a range of industries.
Information and Communication Technologies

Dynamic and constantly evolving, the field of information and communication technologies (ICT) provides exciting and challenging career opportunities. Our courses are developed in close consultation with key industry representatives, and are up-to-date with the latest changes in enterprise programming, mobile application development, Oracle, MCSA, Cisco, security and eforensics and business analysis.

EForensics

- **Graduate Certificate in EForensics – I077**
  
  **Campus:** Hawthorn  
  **Duration:** 1 yr PT  
  **Total course fees**: $9600  
  **Intake:** February  
  **Entry requirements**  
  A recognised bachelor degree or equivalent, or relevant professional experience.  
  **Course description**  
  This program delivers the knowledge and skills needed to identify the occurrence of a cybercrime and to undertake the necessary action to handle evidence. Units cover sequence of acquisition, analysis, preservation, presentation and documentation suitable to an Australian court of law. Students also learn techniques to recognise and reduce the incidence of potential vulnerabilities in industry for cybercrime activity.  
  **Career opportunities**  
  Graduates may find employment in occupations such as law enforcement official (state, federal and Interpol), first responder, mobile computing device developer, software developer, telecommunication, network and internet security designer, consultant and administrator, systems analyst or private investigator. They may also find roles with the Department of Defence.

Information and communication technology

- **Professional Certificate (Information and Communication Technology) – I020**
  
  **Campus:** Hawthorn  
  **Duration:** 0.5 yr FT or 1 yr PT  
  **Total course fees**: $4600  
  **Intake:** February, August  
  **Entry requirements**  
  A recognised bachelor degree in an information and communication technology (ICT) discipline, or at least three years’ relevant experience.  
  **Course description**  
  This course is specifically designed for current IT professionals who may lack the time to complete a full postgraduate qualification. It is made up of higher education division postgraduate-level units that are tailored to the needs of students or industry groups. Specialised outcomes include software testing, web applications, networking concepts, network security, business process analysis, business intelligence and knowledge management, and information systems governance and management.  
  **Career opportunities**  
  Graduates will have enhanced theoretical and practical knowledge to improve job prospects and opportunities for career advancement in ICT.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.*
Information systems management

- Master of Information Systems Management – I098
  Incorporating:
  Graduate Diploma of Information Systems Management – I088
  Graduate Certificate of Information Systems Management – I078

  Campus: Hawthorn
  Duration: Master – 1.5 yrs FT or 3 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT
  Total course fees*: Master – $30,000
  Graduate diploma – $20,000
  Graduate certificate – $10,000
  Intake: February, August

  Entry requirements
  A recognised bachelor degree plus at least three years’ relevant professional experience.

  Course description
  This program is designed as a comprehensive and contemporary study of management issues associated with the successful deployment of information systems (IS) and technology in organisations. It focuses on optimising business value through the management of IS and its related risks. Students are introduced to current approaches to technology management in and between contemporary organisations.

  Career opportunities
  Graduates will be prepared for roles in systems analysis, business development and project management, or as a data architect, data warehouse consultant, business intelligence analyst, statistical modeller, application integration specialist, e-business consultant, chief information officer or IT director.

  Professional recognition
  This program is accredited at the professional level by the Australian Computer Society (ACS) and has been externally vetted by ACS, ensuring it meets the highest standard of the profession and industry.

- Master of Information Systems Management/Master of Business Administration – A098
  Campus: Hawthorn
  Duration: 2.5 yrs FT or 5 yrs PT
  Total course fees*: Course fees depend on electives. Visit www.swinburne.edu.au/fees
  Intake: February, August

  Entry requirements
  A recognised bachelor degree plus at least three years’ relevant professional experience.

  Course description
  This double degree program provides professionals with advanced skills and knowledge across the complex areas of business and information systems (IS) in organisations. It offers contemporary management knowledge and skills, and provides students with the ability to apply that knowledge in an innovative, creative and entrepreneurial way.

  Career opportunities
  Graduates may pursue senior IS and business roles, including systems analyst, business development manager, project manager, chief information officer and IT director.

  Professional recognition
  The information systems management program is accredited at the professional level by the Australian Computer Society (ACS) and has been externally vetted by ACS, ensuring it meets the highest standard of the profession and industry.

Information technology

- Master of Information Technology Technology – I091
  Incorporating:
  Master of Technology (Information Technology) – I061
  Graduate Diploma of Information Technology – I080
  Graduate Certificate of Information Technology – I071

  Campus: Hawthorn
  Duration: Master of Technology Technology – 2 yrs FT or 4 yrs PT
  Master of Technology – 1.5 yrs FT or 3 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT
  Total course fees*: Master of Information Technology – $36,800
  Master of Technology – $27,600
  Graduate diploma – $18,400
  Graduate certificate – $9,200

  Note: Commonwealth supported places are available for the Master of Technology (Information Technology).
  Intake: February, August

  Entry requirements
  A recognised bachelor degree. Students with a recognised bachelor degree in information and communications technology (ICT) or a graduate diploma in computer science, information systems or ICT may be eligible for advanced standing.

  Course description
  This program provides the knowledge and skills required to design, develop and maintain complex systems using state-of-the-art technologies and methodologies. It includes a general introduction to ICT and provides the opportunity for students to gain advanced specialist skills in areas such as networks, software development, and information systems analysis and management.

  Career opportunities
  Graduates will be prepared for senior ICT roles in database design, systems/business analysis, software testing, software engineering, and web design and development. Graduates may also find employment in roles such as enterprise systems application developer, quality assurance analyst, network designer, network administrator, network architect, web developer, project manager or multimedia developer.

  Professional recognition
  This program is accredited at the professional level by the Australian Computer Society (ACS) and has been externally vetted by ACS, ensuring it meets the highest standard of the profession and industry.
I wanted to come to Swinburne because it’s one of the top-ranked universities in Melbourne. My course gives me the knowledge I need to understand and contribute to the technology field in today’s society. Studying overseas is not just about acquiring academic knowledge; it’s also about the skills you gain by interacting with other students from different parts of the world.

Andrés
Master of Information Technology
Information technology

Business analysis

- Master of Information Technology Business Analysis – I197
  Incorporating:
  Graduate Diploma of Information Technology Business Analysis – I187
  Graduate Certificate of Information Technology Business Analysis– I177

Campus: Hawthorn

Duration:
  Master – 2 yr FT or 4 yr PT
  Graduate diploma – 1 yr FT or 2 yr PT
  Graduate certificate – 0.5 yr FT or 1 yr PT

Total course fees*: Master – $37,600
  Graduate diploma – $18,400
  Graduate certificate – $9,200

Intake: February, August

Entry requirements
  A recognised bachelor degree.

Course description
  This course introduces students to information modelling, process modelling and redesign, and requirements elicitation and analysis. Emphasis is placed on developing analytical skills for a diverse range of applications and acquisition strategies, including package selection and implementation, agile development and flexible solutions incorporating cloud technologies.

Career opportunities
  Designed in consultation with industry executives, business analysis practitioners and professional bodies, this program provides graduates with the knowledge and skills in key aspects of business analysis practice in organisations.

Information technology

Project management

- Master of Information Technology Project Management – I198
  Incorporating:
  Graduate Diploma of Information Technology Project Management – I188
  Graduate Certificate of Information Technology Project Management – I178

Campus: Hawthorn

Duration:
  Master – 1.5 yr FT or 3 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT

Total course fees*: Master – $30,000
  Graduate diploma – $20,000
  Graduate certificate – $10,000

Intake: February, August

Entry requirements
  A recognised bachelor degree.

Course description
  This program develops students' expertise in the major domains of information and communication technology (ICT) project management. Students explore the factors and risks under consideration to achieve successful project outcomes. The program helps develop the skills and conceptual understanding required to manage all aspects of ICT projects.

Career opportunities
  Graduates may find employment in roles such as ICT project manager, business analyst, business intelligence developer, applications manager, project resource officer, enterprise solutions architect, enterprise risk specialist, ICT risk manager or database administrator.

Professional recognition
  This program is accredited at the professional level by the Australian Computer Society (ACS) and has been externally vetted by ACS, ensuring it meets the highest standard of the profession and industry.

Network systems

- Master of Engineering Science (Network Systems and Telecommunications) – S099
  Incorporating:
  Master of Science (Network Systems) – S069
  Graduate Diploma of Science (Network Systems) – S059
  Graduate Certificate of Science (Network Systems) – S049

Campus: Hawthorn

Duration:
  Master of Engineering Science – 2 yrs FT or 4 yrs PT
  Master of Science – 2 yrs FT or 4 yrs PT
  Graduate diploma – 1 yr FT or 2 yrs PT
  Graduate certificate – 0.5 yr FT or 1 yr PT

Total course fees*: Master of Engineering Science – $36,800
  Master of Science – $27,600
  Graduate diploma – $18,400
  Graduate certificate – $9,200

Intake: February, August

Entry requirements
  A recognised bachelor degree in engineering, science, computing or IT. Applicants with a recognised bachelor degree in business with an information and communication technology (ICT) emphasis are also encouraged to apply.

Course description
  This program is designed for students who have a background in ICT, science or engineering and wish to become professional network specialists. Students gain proficiency in all aspects of wired or wireless networks and become conversant with new kinds of networking technology based on internet protocol networks and multimedia applications. The program provides specialised knowledge in data communication networking and covers specific competencies of industry certification material such as Cisco CCNA and CCNP, and Microsoft MCSA (Solutions Associate).

Career opportunities
  Graduates may find careers in the telecommunications or ICT industries as a network engineer, field service technician, support engineer, systems administrator, network planner, IT security firewall administrator, network architect, network designer, project implementation specialist, IT support technician, internet applications engineer, manager of internal corporate networks or security engineer.

Professional recognition
  The Master of Science (Network Systems) is accredited at the professional level by the Australian Computer Society (ACS) and has been externally vetted by ACS, ensuring it meets the highest standard of the profession and industry. It also provides preparation towards the CCNA and CCNP certification examination as well as the MCSA (Solutions Associate) title.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Learning and Teaching

Learning and teaching courses are designed to prepare you for a teaching role across a range of settings.

Career development

- **Graduate Diploma in Career Development** – N0818
  - **Incorporating:**
    - **Graduate Certificate in Career Development** – N0718
  - **Campus:** Online
  - **Duration:**
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - **Total course fees**: 
    - Graduate diploma – $10,800
    - Graduate certificate – $5,400
  - **Intake:** February, August

**Entry requirements**

A recognised bachelor degree in a relevant discipline plus relevant work experience. Applicants without a relevant qualification who have relevant experience are also encouraged to apply.

**Course description**

This program provides students with a comprehensive understanding of career development theory as well as skills in career counselling and coaching. Students also gain the relevant accreditation to use a range of career-related assessments and best practice approaches to developing job applications, résumés and job action plans. They choose one specialisation from educational career practice, private practice, career development within organisations, third-age career coaching or career development in government programs.

**Career opportunities**

Graduates will be able to work in careers management roles in schools, private practice and organisations.

**Professional recognition**

The Career Industry Council of Australia (CICA) has endorsed the Graduate Certificate in Career Development and the Graduate Diploma in Career Development delivered by Swinburne University of Technology as meeting the Professional Standards for Australian Career Development Practitioners for a period of five years from July 2012 to July 2017.

Educational technologies

- **Graduate Certificate in Educational Technologies** – I135
  - **Campus:** Hawthorn
  - **Duration:** 1 yr PT
  - **Total course fees:** $8,800
  - **Intake:** February, August

**Entry requirements**

A recognised teaching qualification. It is preferred that applicants are currently practicing educators.

**Course description**

This program provides understanding, confidence and tools for teachers at primary and secondary level to enable them to incorporate educational technologies into a variety of teaching contexts, combining a formal education with reflective and research components. Hands-on experience allows them to develop a high degree of competence in the use of tools that enhance teacher capabilities and learning outcomes, and promote student engagement.

**Career opportunities**

Graduates will have enhanced theoretical and practical knowledge to improve job performance and opportunities for career advancement into leadership roles in educational technologies, e-learning and curriculum development.

**Professional recognition**

This program has been endorsed as professional development by the Victorian Institute of Teaching.

Literacy and numeracy

- **Vocational Graduate Certificate in Adult Language, Literacy and Numeracy Practice** – YTAE70110
  - **Campus:** Online
  - **Duration:** 1.5 yrs PT
  - **Total course fees**: $5,900 (government subsidised places may be available to eligible students)
  - **Intake:** February, August

**Entry requirements**

There are no formal entry requirements. It is recommended that applicants complete Certificate IV in Training and Assessment before commencing this course.

**Course description**

This course is designed for those who work as language, literacy and numeracy (LLN) practitioners, or who have completed some studies in this field. It develops skills in analysis, planning, delivery, evaluation and leadership relevant to adult LLN training.

**Career opportunities**

Graduates may explore roles as a training practitioner, teacher, concurrent assistance teacher, adult literacy and numeracy teacher, workplace English language trainer and assessor, program coordinator or educational manager.

Teaching

- **Master of Teaching (Primary)** – SL7E12
  - **Campus:** Online
  - **Duration:** 2 yrs FT
  - **Total course fees**: $32,000
  - **Intake:** March, July, November

**Entry requirements**

A recognised bachelor degree. Applicants are also required to obtain a police check and working with children check.

**Course description**

This program provides students with the educational theories and practical skills needed to teach at any level of primary education. The program also offers understanding of the latest technology used in the classroom. Students gain professional experience through supervised placements in a primary school.

**Career opportunities**

Graduates may find employment in teaching positions in primary schools.
One of the best aspects of this course was its flexibility – because it’s an online course I was able to complete my study around my full-time workload. The course material was very interesting and relevant. I have gained not only the knowledge I need but the practical experience to provide positive support to clients on their career journey.

Christina
Graduate Diploma in Career Development
Swinburne’s media and communications programs can create opportunities that give you a competitive edge in the workplace. They can help you to develop skills to enable entry into the media industry, or if you’re currently in the industry, enhance your expertise.

Media and Communications

- **Master of Arts (Media and Communications) – N0917**
  - Incorporating:
    - Graduate Diploma of Arts (Media and Communications) – N0817
    - Graduate Certificate of Arts (Media and Communications) – N0717
  - **Campus:** Hawthorn
  - **Duration:** Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT 2 yrs PT
    - Graduate certificate – 0.5 yr FT 1 yr PT
  - **Total course fees:**
    - Master – $22,200
    - Graduate diploma – $14,800
    - Graduate certificate – $7400
  - **Intake:** February, August

**Entry requirements**
A recognised bachelor degree. Applicants without a tertiary qualification who have substantial relevant experience may be eligible to enrol at the graduate certificate level.

**Course description**
This program is designed to provide a theoretical base as well as a portfolio of skills applicable to a range of media activities. It is suitable for students interested in working in media-related industries. Students already working in the media who wish to enhance their expertise will also benefit from this program. Students can choose from three streams: digital content production, journalism or media and communications policy.

**Career opportunities**
Graduates will possess writing and production skills valued in many sectors of the print, broadcasting and electronic media, such as radio production, journalism and information technology. Graduates will be equipped with digital technology skills and may find employment in the digital content industries.

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Writing

- **Master of Arts (Writing) – L084**
  - Incorporating:
    - Graduate Diploma of Arts (Writing) – L079
    - Graduate Certificate of Arts (Writing) – L071
  - **Campus:** Online
  - **Duration:**
    - Master – 1.5 yrs FT or 3 yrs PT
    - Graduate diploma – 1 yr FT or 2 yrs PT
    - Graduate certificate – 0.5 yr FT or 1 yr PT
  - **Total course fees:**
    - Master – $22,200
    - Graduate diploma – $14,800
    - Graduate certificate – $7400
  - **Intake:** February, June, August, November

**Entry requirements**
A recognised bachelor degree or postgraduate qualification, or equivalent, and/or relevant experience.

**Course description**
The program allows students to acquire a systematic and coherent body of knowledge relevant to creative and professional writing. Students gain an understanding of the underlying principles and concepts of their craft and learn skills in communication and problem-solving. Students will be supported by online mentors and tutors.

**Career opportunities**
Graduates may find employment as a journalist, copywriter, editor or writer in jobs involving communication and publishing.

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*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.*
Swinburne’s off-campus option has allowed me to continue working full-time, which was important to me as it meant I didn’t have the added anxiety of getting by on a reduced income. Every subject in this course was an opportunity to test myself. I had the freedom to shape my assignments to suit my writing styles and goals. The experience and knowledge I’ve gained during this course have given me clarity and conviction. I now know exactly what I want to do and how I want to get there.

Hayley
Master of Arts (Writing)
Psychology and Community Services

By undertaking a psychology or community services program at Swinburne you will benefit from our blend of coursework and practice, committed teaching and state-of-the-art facilities. The programs provide you with the opportunity to extend your expertise and enhance your skill set.

Swinburne Psychology Clinic

If you are undertaking a master degree in psychology you will have the opportunity to train in the Swinburne Psychology Clinic, the largest university psychology clinic in Australia. The clinic provides you with the experience, training and clinical skills you need to work independently.

Clinical psychology

- **Master of Psychology (Clinical Psychology)** – N0912
  
  **Campus:** Hawthorn  
  **Duration:** 4 yrs PT  
  **Total course fees*:** $38,400  
  **Note:** There are Commonwealth supported places available for this course.  
  **Intake:** February  
  **Note:** This course has an early application closing date of 31 October 2012 for 2013 intake.

  **Entry requirements**  
  A recognised bachelor degree from an Australian university, or overseas qualifications recognised as equivalent by the Australian Psychological Society (APS), plus completion of a four-year sequence of study in psychology at second-class level or above in a course or courses accredited by the Australian Psychological Accreditation Council (APAC). Applicants should also have experience in face-to-face counselling or have completed significant training in counselling skills. Short-listed applicants will be required to participate in a selection interview.

  **Course description**  
  This program provides high-level training in psychopathology, assessment and therapeutic interventions for adults and children suffering from clinical disorders such as anxiety disorder, clinical depression, schizophrenia, eating disorders, personality disorders, trauma, alcohol dependence, childhood disorders and psychogeriatric conditions.

  **Career opportunities**  
  Graduates may gain employment in community mental health centres, psychiatric hospital settings, specialist services for particular clinical groups, schools, post-secondary education, clinical rehabilitation services and private practice.

  **Professional recognition**  
  Graduates will be eligible for membership of the Australian Psychological Society (APS) and for registration as a psychologist.

- **Graduate Diploma of Science (Clinical Psychology)** – N0816
  
  **Campus:** Hawthorn  
  **Duration:** 2 yrs PT  
  **Total course fees*:** $19,200  
  **Intake:** February  
  **Note:** This course has an early application closing date of 31 October 2012 for 2013 intake.

  **Entry requirements**  
  A master or doctoral degree in professional psychology (other than clinical psychology) from an Australian university in the past five years. Applicants need to demonstrate academic aptitude and clinical experience equivalent to that outlined for entry into the Master of Psychology (Clinical Psychology). Preference will be given to applicants currently working in a mental health setting. All applicants are required to participate in a selection and interview process.

  **Course description**  
  This program is designed to meet the need for professional psychologists to re-specialise in clinical psychology. Students will be trained to assess, formulate and deliver interventions for people suffering high-prevalence mental disorders and serious mental illness. They also learn how to formulate interventions for individuals and families.

  **Career opportunities**  
  Graduates may gain employment in community mental health centres, psychiatric hospital settings, specialist services for particular clinical groups, schools, post-secondary education, clinical rehabilitation services and private practice.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
**Master of Social Science (Couple Counselling)** – N0925

**Incorporating:**
Graduate Diploma of Social Science (Couple Counselling) – N0825
Graduate Certificate of Social Science (Couple Counselling) – N0725

**Campus:** Hawthorn and external venue (Relationships Australia Victoria, Kew)

**Duration:** Master – 3 yrs PT
Graduate diploma – 2 yrs PT
Graduate certificate – 1 yr PT

**Total course fees**: Master – $21,400
Graduate diploma – $14,400
Graduate certificate – $7200

**Intake:** February

**Note:** This course has an early application closing date of 2 November 2012 for 2013 intake.

**Entry requirements**
A recognised bachelor degree in a cognate area such as psychology, social work, nursing, youth work, education or public health, or equivalent. Applicants with a degree in another discipline are also encouraged to apply. Preference may be given to applicants with an equivalent minimum credit average. Selection is based on an interview and the applicant’s suitability for the program as determined by academic merit, work experience, referee reports and a statement outlining the applicant’s reasons for applying to the program.

**Course description**
This program is run in collaboration with Relationships Australia Victoria (RAV), which has a longstanding reputation for providing evidence-based training to students and professionally qualified counsellors wanting to specialise in couple therapy. Students will be prepared for professional careers in the counselling sector with specialist knowledge and training in couple counselling. The program is both theoretical and practical, and deals with key ethical, interpersonal and familial factors that have an impact on working with human relationships. Students undertake an internship which may be completed at an RAV branch in metropolitan or regional Victoria.

**Career opportunities**
Graduates will be prepared for roles where there are shortages of suitably trained professionals who specialise in couple therapy, in community and mental health, private practice, social work, grief counselling, pastoral care and mediation.

**Professional recognition**
Master and graduate diploma graduates are eligible to apply for membership of the Australian Association of Relationship Counsellors (AARC).

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**Counselling psychology**

**Master of Psychology (Counselling Psychology)** – N0904

**Campus:** Hawthorn
**Duration:** 4 yrs PT
**Total course fees**: $38,400

**Intake:** February

**Note:** This course has an early application closing date of 31 October 2012 for 2013 intake.

**Entry requirements**
A recognised bachelor degree from an Australian university, or overseas qualifications recognised as equivalent by the Australian Psychological Society (APS), plus completion of a four-year sequence of study in psychology in a course approved by the Australian Psychological Accreditation Council (APAC).

Applicants with excellent results in their fourth-year undergraduate studies and relevant human services work experience may be shortlisted and interviewed by a selection panel. An order of merit for entry will be prepared, taking into account academic record, previous relevant work experience and training, and academic and professional referees’ reports.

**Course description**
This program provides high-level training in counselling and assessment for professionals who provide specialist services in the areas of relationships, family, work, and education.

**Career opportunities**
Graduates will be trained to work in a range of human services settings, including relationship and family counselling, community-oriented general counselling services, community health institutions, secondary and post-secondary education counselling services, rehabilitation counselling services, private practice, human services training, and research and evaluation.

**Professional recognition**
This program meets the requirements of the Australian Psychological Society (APS) College of Counselling Psychologists for academic training. It also provides a direct means of professional registration by the Psychology Board of Australia. Graduates are also eligible for membership of the APS and for general registration as a psychologist with the Psychology Board of Australia.

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**Family therapy**

**Master of Social Science (Family Therapy)** – N0911

**Incorporating:**
Graduate Diploma of Social Science (Family Therapy) – N0811
Graduate Certificate of Social Science (Family Therapy) – N0711

**Campus:** Hawthorn and external venue (Williams Road Family Therapy Centre)

**Duration:** Master – 3 yrs PT
Graduate diploma – 2 yrs PT
Graduate certificate – 1 yr PT

**Total course fees**: Master – $21,600
Graduate diploma – $14,400
Graduate certificate – $7200

**Intake:** February

**Note:** This course has an early application closing date of 2 November 2012 for 2013 intake.

**Entry requirements**
A recognised bachelor degree in health or social sciences, or equivalent. Applicants should also have experience in family therapy and be employed in a setting where they take case responsibility for families and/or individuals. Selection is based on an interview and the applicant’s suitability for the program as determined by academic merit, work experience, referee reports and completion of a four-day intensive program at Williams Road Family Therapy Centre.

**Course description**
This program builds on students’ existing counselling experience and training to provide them with advanced training in family therapy skills and theoretical knowledge of family systems. Competency in systemic thinking and practices allows students to contribute to and facilitate change processes in social contexts and has direct applications across a range of workplaces and client populations.

**Career opportunities**
Graduates will be eligible for roles in family support, child protection, family counselling and mediation, Family Court counselling, marriage guidance and dispute resolution centres. They will also be equipped to work in school counselling, trauma debriefing and centres against sexual assault.

**Professional recognition**
Graduates may be eligible for clinical membership of the Australian Association of Family Therapists. This program seeks to meet the minimum training standards of the Psychotherapy and Counselling Federation of Australia (PACFA) with the exception of the requirement of 200 hours of client contact.
Swinburne is known for its excellent psychology program, and the opportunity to start my placement at its psychology clinic was a major attraction – having the support of practising psychologists while undertaking my training has been invaluable. The course is practical, relevant and up-to-date. The staff are very supportive and are more like peers and colleagues than teachers.

Lauren
Master of Psychology (Counselling Psychology)
Housing management and policy

Graduate Diploma of Social Science (Housing Management and Policy) – N0807
Incorporating:
Graduate Certificate of Social Science (Housing Management and Policy) – N079

Campus: Distance
Duration: Graduate diploma – 3 yrs PT
Graduate certificate – 2 yrs PT
Total course fees*: Graduate diploma $14,400
Graduate certificate $7200
Intake: February, August

Entry requirements
At least five years’ experience in the social housing, human services, planning, property management or real estate industries, plus a recognised bachelor degree or equivalent with appropriate research skills.

Course description
This program provides knowledge and skills in research, policy development and systems of housing management. It is designed for administrators, housing managers (public, not-for-profit and private real estate), coordinators, team leaders, and research and policy workers in the public and community sectors who wish to improve their knowledge of, and skills in, housing management.

Career opportunities
Graduates will be equipped for management roles in the social housing sector, policy formulation and related fields.

Human services – counselling

Master of Social Science (Human Services – Counselling) – N0915
Incorporating:
Graduate Diploma of Social Science (Human Services – Counselling) – N0805
Graduate Certificate of Social Science (Human Services – Counselling) – N0705

Campus: Hawthorn
Duration: Master – 3 yrs PT
Graduate diploma – 2 yrs PT
Graduate certificate – 1 yr PT
Total course fees*: Master – $21,600
Graduate diploma – $14,400
Graduate certificate – $7200
Intake: February
Note: This course has an early application closing date of 2 November 2012 for 2013 intake.

Entry requirements
A recognised three-year bachelor degree or equivalent. Preference may be given to applicants with experience in human services. Selection is based on an interview and the applicant’s suitability for the program as determined by academic merit, work experience, referee reports and a statement outlining the applicant’s reasons for applying to the program.

Course description
This program is designed to meet the needs of those currently employed, or who wish to find employment, in human service organisations, including school welfare and education, mental health, public service, law and mediation, grief counselling, and drug and alcohol counselling. Students are taught a range of counselling skills across different therapeutic modalities that can be applied across work settings and client types.

Career opportunities
Graduates will possess the counselling skills needed to gain employment in the human services industry.

Professional recognition
This program seeks to meet the minimum training standards of the Psychotherapy and Counselling Federation of Australia (PACFA) and the Australian Counselling Association (ACA).

Prenatal and postnatal family support

Graduate Certificate of Social Science in Prenatal and Postnatal Family Support – D0046PNFS

Campus: Prahran, Wantirna
Duration: 1 yr PT
Total course fees*: $4200
Intake: February, August

Entry requirements
A bachelor degree or diploma in the children’s services area. Applicants should possess sound critical reflection, analysis and research skills, and should be able to demonstrate academic and interpersonal skills adequate for postgraduate studies in social and community services.

Course description
This program offers students the knowledge and skills needed to provide effective support to families during the prenatal and postnatal period. It also builds on existing skills gained during previous study and workplace experience.

Career opportunities
Graduates are sought for employment in agencies working with infants and families such as mother and baby units, and also in private homes. They may also find employment in maternity hospitals or other organisations including maternal and child health centres.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Psychology

Postgraduate Diploma of Psychology – N0812

Campus: Hawthorn
Duration: 1 yr FT or 2 yrs PT
Total course fees*: $19,200
Intake: February
Note: This course has an early application closing date of 2 November 2012 for 2013 intake.

Entry requirements
A recognised bachelor degree in psychology approved by the Australian Psychological Society (APS). Selection is based on academic merit. Applicants may also be required to attend an interview.

Course description
This program prepares students to enter the psychology profession. It develops basic competencies in research design, analysis and psychological assessment. Students also gain an understanding of the ethical, moral, legal and social responsibilities of psychologists engaged in social and applied research, and professional practice.

Career opportunities
Graduates will be prepared for roles across a range of areas, including community health, clinical, counselling, forensic or health psychology; research and training; and human resource management.

Professional recognition
This program is recognised and accredited by the Australian Psychology Accreditation Council (APAC). Graduates are eligible for registration as a provisional psychologist as a fourth year of study in psychology. Graduates are also eligible for registration as a psychologist.

Graduate Diploma of Psychology – N0815

Campus: Hawthorn
Duration: 3 yrs PT
Total course fees*: $26,400
Intake: February, August
Entry requirements
A recognised three-year bachelor degree or equivalent.

Course description
This program provides students with the theoretical grounding to undertake Australian Psychological Accreditation Council (APAC)-accredited fourth-year and higher degrees in psychology. Students are introduced to a range of topics in psychology and research design, including developmental psychology, cognition and human performance, design and measurement, as well as personality, social and abnormal psychology.

Career opportunities
Graduates will be prepared for further studies in psychology, leading to a career in professional psychology or psychological research.

Professional recognition
This program comprises an APAC-accredited major sequence in psychology.

Graduate Diploma of Social Science (Psychological Studies) – L083

Campus: Hawthorn
Note: Classes are only offered during the day.
Duration: 3 yrs PT
Total course fees*: $21,450
Intake: February, August
Entry requirements
A recognised bachelor degree in a discipline other than psychology or equivalent.

Course description
This program provides students with an introduction to psychology. It covers a range of topics in psychology and experimental design and analysis. Attention is also given to vocational skills and knowledge relevant to applied fields.

Career opportunities
Employment may be found in roles such as human resource manager, market research, education, medical and biological sciences, town planning and social research.

Professional recognition
This program is accredited by the Australian Psychology Accreditation Council (APAC).

Statistics

Master of Science (Applied Statistics) – Z193
Incorporating:
Graduate Diploma of Science (Applied Statistics) – Z192
Graduate Certificate of Science (Applied Statistics) – Z191

Campus: Hawthorn and online (graduate certificate only)
Duration: Master – 1.5 yr FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Graduate certificate – 0.5 yr FT or 1 yr PT
Total course fees*: Master – $24,600
Graduate diploma – $16,400
Graduate certificate – $8,200
Intake: February, August

Entry requirements
A recognised bachelor degree or equivalent, or relevant experience.

Course description
This program is designed for those with relevant experience and who have a professional interest in the use of statistics. Graduates of other disciplines who use statistics in their work but do not have sufficient or current training in the area will also benefit from the program. Students learn practical skills as well as broad theoretical and practical knowledge in important areas of applied statistics.

Career opportunities
Graduates may find employment as a research officer in a range of areas, including government agencies, market research, education, medical and biological sciences, town planning and social research.

Professional recognition
Graduates who have appropriate experience are eligible to apply for the award of Accredited Statistician. Graduates who have SAS experience may wish to undertake the SAS Certificated BASE Programmer exam or to complete work experience.

* Fees are indicative; reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
Science

Scientific and technological knowledge is advancing at an unprecedented rate. Our postgraduate science programs have been designed in consultation with industry, providing you with theoretical principles and practical knowledge to help you move into more senior roles.

World-ranked in physics

Our commitment to excellence in science teaching and research was reflected in our inclusion again in the 2012 Academic Ranking of World Universities (ARWU). In addition to ranking Swinburne one of the world’s top 400 research-intensive universities, the ARWU named Swinburne a top 100 research university in the field of physics.

Astronomy

- Master of Science (Astronomy) – S068
Incorporating:
  - Graduate Diploma of Science (Astronomy) – S058
  - Graduate Certificate of Science (Astronomy) – S048

Campus: Online
Duration: Master – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Graduate certificate – 0.5 yr FT or 1 yr PT
Total course fees*: Master – $21,000
Graduate diploma – $14,000
Graduate certificate – $7000
Intake: February, August

Entry requirements
A recognised bachelor degree or postgraduate qualification. Applicants without a relevant qualification who have substantial relevant experience may be eligible to enrol at the graduate certificate level.

Course description
This program covers the fundamental concepts and ‘big questions’ of modern astronomy. It equips students with an overall understanding of modern astronomy, rather than training as a professional astronomer.

Career opportunities
Graduates may have enhanced career opportunities in astronomy and science-related fields.

Biotechnology

- Master of Science (Biotechnology) – Z012
Incorporating:
  - Graduate Diploma of Science (Biotechnology) – Z011

Campus: Hawthorn
Duration: Master – 2 yrs FT or 4 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Total course fees*: Master – $40,000
Graduate diploma – $20,000
Intake: February, August

Entry requirements
A three-year bachelor degree in a biological or chemical science such as biology, botany, zoology, agriculture, forestry, health sciences, veterinary science or chemistry, with a minimum 60 per cent average.

Course description
This program provides an in-depth understanding of the fundamental principles of biotechnology, including molecular biology, biochemistry, microbiology, and medical, industrial, forensic, agricultural and environmental biotechnology. It allows students to study to their desired level and focus on their particular field of interest.

Career opportunities
Graduates may find employment as a medical laboratory scientist, scientific officer or research and development scientist in diverse fields. Work may also be found as a food technologist, quality assurance officer, occupational health and safety officer, scientific sales representative/executive, associate to a patent attorney, newspaper writer or in a publishing role in the field, or PhD student.

Professional recognition
Graduates will be eligible to apply for membership of professional associations and societies, including AusBiotech, Genetics Society of AustralAsia (GSA), Australian Society for Biochemistry and Molecular Biology (ASBMB), the Australian Society for Microbiology (ASM) and Royal Australian Chemical Institute (RACI).
Statistics

See Master of Science (Applied Statistics) on page 42.

Sustainability

Vocational Graduate Certificate in Sustainability – H22066VIC

Campus: Online
Duration: 1 yr PT
Total course fees*: $8400
Intake: February, August

Entry requirements
A recognised bachelor degree or advanced diploma, or relevant equivalent. Applicants with industry experience in a relevant field are also encouraged to apply.

Course description
This course is designed for those seeking to extend their knowledge of sustainability, including middle managers wishing to develop the sustainability profile of their company and those wanting to play an educational or advisory role in the field of sustainability. It will also suit professionals working in an environmental/sustainable development team in a corporate environment.

Career opportunities
Graduates will be sought by local, state and federal governments, and by organisations operating in areas such as land and water management, energy, design (building, manufacturing and engineering), sustainable production, plastics and chemicals, change management, environmental sustainability and social sustainability.

Master of Science (Biotechnology)
Global Leadership Program – Z012L

Campus: Hawthorn
Duration: 2 yrs FT or 4 yrs PT
Total course fees*: $46,600
Intake: February, June, August

Entry requirements
A recognised bachelor degree in a biological or chemical science discipline such as biology, botany, zoology, agriculture, forestry, health sciences, veterinary science or chemistry, with a minimum 60 per cent average. Students who wish to study in the USA must obtain an appropriate visa.

Course description
This program offers students two professionally recognised master degrees in two years from two high-ranking institutions: a Master of Science (Biotechnology) from Swinburne and a Master of Science in Leadership from Northeastern University in Boston, USA.

The biotechnology program comprises selected studies in molecular biology, biochemistry, microbiology, and medical, industrial, forensic, agricultural and environmental biotechnology.

The leadership program incorporates an action-learning approach to build leadership competencies and add valuable managerial skills.

The program is delivered in Melbourne via a combination of face-to-face and online delivery modes. Students also have the opportunity to undertake part of the program at Northeastern, subject to application and visa requirements.

Career opportunities
Graduates may find employment in entrepreneurial roles in biotechnology-related fields, including medicine and health, agriculture, pharmaceutical and environmental businesses, and the education sector. This master program also provides the opportunity for graduates to position themselves for employment in multiple international labour markets.

Good manufacturing practices

Master of Science (Good Manufacturing Practices and Quality Management) – Z0855
Incorporating:
Master of Science (Good Manufacturing Practices) – Z0853
Graduate Diploma of Science (Good Manufacturing Practices) – Z0852
Graduate Certificate of Science (Good Manufacturing Practices) – Z0851

Campus: Hawthorn
Duration: Master (GMP & QM) – 2 yrs FT or 4 yrs PT
Master (GMP) – 1.5 yrs FT or 3 yrs PT
Graduate diploma – 1 yr FT or 2 yrs PT
Graduate certificate – 0.5 yr FT or 1 yr PT
Total course fees*: Master (GMP & QM) – $42,400
Master (GMP) – $31,800
Graduate diploma – $21,200
Graduate certificate – $10,600
Intake: February, August

Entry requirements
A recognised four-year bachelor degree in engineering or science with a minimum 60 per cent average, or equivalent, or a bachelor degree in science and relevant work experience. Applicants in roles as managers or with senior responsibilities are encouraged to apply to the Master of Science (Good Manufacturing Practices and Quality Management).

Course description
This program provides students with the necessary skills in quality assurance and compliance to enable safe and efficacious manufacturing practices in pharmaceutics, biotechnology, biomedical devices and other industries.

Career opportunities
The program is designed to enhance employment prospects for laboratory staff, managers and practitioners in industries where good manufacturing practices are required.

*Fees are indicative, reviewed each year and may increase without notice. Fees do not include the student services and amenities fee.
FURTHER INFORMATION

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