Swinburne University of Technology
Melbourne, Australia

Postgraduate Courses 2007

IN AUSTRALIA’S
TOP 5
FOR LEARNING &
TEACHING QUALITY
Swinburne was recently named as one of Australia’s top 5 universities for Learning and Teaching Quality.

From the Vice-Chancellor

Swinburne University of Technology is a truly international institution. Indeed, Swinburne graduates can be found all over the world and especially in countries in Asia.

Swinburne is one of the very few Australian universities offering an extensive range of programs from apprenticeships to PhDs. Swinburne provides our students a range of well-defined ‘pathways’ between our TAFE and Higher Education Divisions.

In addition to undergraduate qualifications in a wide range of areas, the University offers a wide variety of postgraduate courses. These range from Graduate Certificates and Masters Courses through to Doctorates in areas such as Multimedia, Social Sciences, Business and Enterprise, Life Sciences, Computing and Information Technology, Engineering, Manufacturing, and Design.

Swinburne has a strong history as a provider of quality, career-oriented education for both undergraduates and postgraduates. The University’s graduates have the skills and knowledge that will help them find employment and success in their chosen careers.

Swinburne’s strong vocational emphasis and the University’s very close links with business and industry ensure that our study programs keep pace with developments in the commercial sector. The University has a strong research focus which complements relevant coursework programs.

Our students have access to a number of transport, sporting, computer, library and student welfare facilities at each campus. These factors contribute to the enjoyment, and sense of fulfilment and achievement that come from studying at Swinburne.

I invite you to visit us at our campuses or to explore Swinburne through our website at: www.international.swinburne.edu

Professor Ian Young
Vice-Chancellor and President
Welcome to Swinburne

Swinburne University of Technology has been educating students for almost 100 years. We are a career-oriented institution, where you can gain real-world experience through practical courses. Swinburne has grown into a multi-disciplined, multi-campus institution, with more than 24,000 students including over 3,500 international students from around the world.

OUR STRENGTHS

Swinburne's strengths are built around a solid technology base and influential links to industry, plus ground-breaking specialist research centres. We have a flexible and forward-thinking understanding of international government, education and business priorities, and are responsive to the changing needs of industry.

With a reputation for educational and research excellence, Swinburne attracts highly qualified academics and educational leaders.

A truly international university, Swinburne has developed successful relationships with universities around the world, and established Swinburne University of Technology (Sarawak campus) in Malaysia, in 2000. There is extensive collaborative research and mobility of teaching staff between Swinburne and our partner universities.

Swinburne is the only Australian university invited to be a member of the European Consortium of Innovative Universities (ECIU), which aims to foster student and staff mobility and share innovative programs to give students a competitive edge in today's global employment market.

A RANGE OF COURSE OPTIONS

Because Swinburne offers courses in both the higher education and vocational sectors, we provide distinct advantages for our international students. Qualifications ranging from Certificates, Diplomas, Bachelors and Masters to Professional Doctorates and PhDs, allow you to choose pathways to suit your individual interests and career aspirations. All Swinburne programs comply with Australian Government requirements.
Melbourne, one of the world’s most liveable cities...

Melbourne is recognised as one of the world’s most liveable cities. Home to 3.5 million people, it is considered Australia’s cultural, culinary and sporting capital.

A mild climate, affordable living costs, a thriving cultural scene, an extensive public transport network and an abundance of parkland and public space combine to provide a great way of life.

**CHARACTER, ART & CULTURE**

In the city centre you can explore Melbourne’s many laneway shops, bars and cafes. Other inner urban villages have their own character and are popular for shopping, eating and socialising. St Kilda offers beaches, clubs, restaurants and live music venues. Carlton has an Italian feel, with coffee shops, restaurants, bookshops and an art-house cinema. Prahran is the place to find trendy fashion boutiques. The historic port of Williamstown can be reached by train or ferry from the city, and is a great place to eat, cycle or lie on the beach.

Melbourne’s Federation Square is home to the National Gallery of Victoria’s Australian collection plus the Australian Centre for the Moving Image (ACMI). Also within the city are the Immigration Museum, the Arts Centre and many other cultural and performing arts venues.

Birthplace of Australian Rules Football, Melbourne’s passion for sport is famous. Major events include the Australian Tennis Open, the Melbourne Cup horse race and the F1 Grand Prix.

**THE WHOLE WORLD IN A CITY**

Home to over 140 ethnic groups, Melbourne is one of the world’s most multicultural cities. This diversity is reflected in the food of the city. Areas of Melbourne specialise in food and goods from China, Vietnam, Italy, the Middle East, Greece and Spain.

There is a range of fresh produce markets, cafes and restaurants to suit any palate and budget.

**EXPLORE VICTORIA**

Victoria is home to many wonderful natural attractions. You can visit some of the world’s best surf spots travelling along the Great Ocean Road to the Twelve Apostles.

On the eastern coast of Melbourne you can find Phillip Island, home to the famous Penguin Parade, or explore the untamed wilderness of Wilsons Promontory. Other areas to discover include the historical goldfields of Bendigo and Ballarat, the Dandenong Ranges, the Yarra Valley vineyards and the Victorian snowfields.

**SEE AUSTRALIA!**

From Melbourne you can take the overnight ferry to Tasmania, take a train or bus trip, or fly to major destinations around Australia from Melbourne’s two airports. Or hire a car and take a road trip with your new friends. It’s up to you!
At Swinburne we don’t teach students what to think, rather how to think and how to get out and make things happen.

At Swinburne we help our students to become self-sufficient, resourceful and entrepreneurial, by providing a challenging and supportive education environment. Being a student at Swinburne is not just about coming away with a piece of paper and a list of results. It’s about getting real experience through our practical courses.

A GREAT ATMOSPHERE
Swinburne has more than fulfilled my expectations of the quality of teaching, the resources offered and a good social environment. In my opinion the teachers at Swinburne really care about their students, do a great job teaching, and the classes always had a great atmosphere.

CATHRINE UELAND
Master of Multimedia student from Norway

TEACHING & LEARNING QUALITY
Swinburne’s learning environment and teaching style foster excellence at all levels.

- In 2005 the Department of Education, Science and Training recognised Swinburne as being No. 4 in Australia for Learning and Teaching Quality.
- In 2004 the Department of Education, Science and Training ranked Swinburne No. 1 Australian University for generic skills, No. 2 for overall student satisfaction, and No. 4 for good teaching.
- 5-Star Award for an MBA Program (Master of Business Administration), 2002/2003 and 2003/2004, from the prestigious Graduate Management Association of Australia.

INTERNATIONAL CONNECTIONS
At Swinburne we ensure that our graduates are well prepared for the international workplace.

- Swinburne is the only Australian university invited to be a member of the European Consortium of Innovative Universities (ECIU). Key goals of ECIU include fostering student and staff mobility, and sharing innovative programs that give students a competitive edge in today’s global employment market.
- Swinburne’s Sarawak campus in Malaysia offers programs that are identical to those offered at our Australian campuses. Since the courses and subjects are the same, students have a choice to complete their programs in Sarawak or transfer to complete them in one of the campuses in Melbourne.
- 13% of Swinburne undergraduate students gain international study experience during their studies, compared with the national figure of 6%. (Source: Australian Universities International Directors Forum (AUIDF)).
PRACTICAL COURSES
Swinburne courses are designed to prepare you for the workplace. They tackle real-world issues and provide hands-on learning.

- Most Swinburne courses involve applied learning: classes in the studio or lab, case studies, excursions, team work, research projects, and project-based assignments assessed by industry practitioners are just a few examples of the different ways we teach our students practical skills.
- Swinburne’s unique BusinessLink program connects students with businesses where they undertake paid project-based work, giving them hands-on experience.
- The curriculums of Swinburne’s courses are developed and regularly reviewed in consultation with industry. This ensures that in Australia alone, more than 30 professional and accrediting bodies recognise Swinburne courses.

RESEARCH EXCELLENCE
Research underpins and invigorates all Swinburne activities.

- Swinburne achieved the fourth highest growth in research income per member of staff of Australian universities, our research income grew by 31%, compared with a national average of 17% (Australian Vice-Chancellors’ Committee, 2005).
- Swinburne is No. 9 in the Top 50 Smart Companies in Australia in terms of % of revenue spent on Research and Development (Business Review Weekly, March 2005).
- Swinburne was awarded two of only ten Australian Research Council Centres of Excellence awards for its Centre for Atom Optics and Ultrafast Spectroscopy, and Centre for Quantum Atom-Optics.

DID YOU KNOW?
Swinburne has:
24,000 students
3,500 international students
1,773 full-time staff

- The National Institute of Circus Arts (NICA) on Swinburne’s Prahran campus is a national centre of excellence for professional training in circus arts and physical theatre. NICA is an Associate Member of the Federation of European Circus Schools (FEDEC).
- Swinburne’s Faculty of Design incorporates the National Institute of Design (NID) and the National Institute for Design Research (NIDR). It is Australia’s premier design institution. In 2005, the Multimedia Design Tutorials website won the ATOM (Australian Teachers of Media) award for Best Tertiary Education Resource. See outstanding work by Design staff and students at: www.hed.swin.edu.au/design/awards

UNIQUE LEARNING CENTRES
Swinburne is home to some of Australia’s most dynamic, innovative and creative learning centres.

- Swinburne’s Australian Graduate School of Entrepreneurship (AGSE) is one of the most experienced graduate schools in the Australasia and Pacific region. The AGSE’s MBA program was awarded 5 star ratings for Corporate Links and Graduate Salary by the 2006 Good Universities Guide rankings.
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DIVERSE CULTURAL RESEARCH
For her Master of Design project ‘Mine and Mind’, Sally designed a personal electronic device for Chinese parents to give to their children at their coming of age ceremony. Drawing on diverse cultural research, Sally redesigned the traditional amulets given at this time through the application of new technology. Sally’s contemporary amulets incorporate the ability to store digitised images from childhood and of cherished loved ones, as well as biometric and GPS technology. Two of her designs have been purchased by Nokia as ideas for future products.

SALLY LIN
Master of Design (Industrial Design) student from Taiwan
Swinburne has six campuses around the inner and eastern suburbs of Melbourne and a campus in Sarawak, Malaysia. Each campus is a lively student community with its own character and a range of specialised courses and services. The majority of Swinburne’s international students study at our Hawthorn, Lilydale and Prahran campuses.

SERVICES & FACILITIES
Students have access to excellent facilities including well-equipped laboratories, extensive libraries, health centres and cafés. Swinburne has a wide range of sporting teams and facilities, and our special interest clubs offer many outdoor and extracurricular activities. All campuses have easy access to shops, accommodation, entertainment venues and transport. The majority of Swinburne’s international students study at our Hawthorn, Lilydale and Prahran campuses.

The ideal study environment
Swinburne’s main campus is in the inner-city suburb of Hawthorn. Set amongst the cafés, boutiques and bookshops of Glenferrie Road, and with the convenience of a supermarket and train station practically on campus, it offers an ideal lifestyle. There are several on-campus accommodation options or you could choose to live nearby and walk to class through the parks and leafy backstreets. The campus has many specialised facilities and is the hub of our research and development activities. It is also home to Swinburne’s English Language Centre. Campus facilities include accommodation, library, computer labs, wireless internet, bookshop, sports and recreation centre, health service, counselling, automatic bank teller machine (ATM), cafés and a bistro.

Hawthorn is one of Melbourne’s most beautiful residential areas, many of Melbourne’s most exclusive private schools and colleges are located here.
PRAHRAN CAMPUS
Student population: 5,500
Distance from the city centre: 6km
Travel time from city centre by train: 10 min

Home to the Faculty of Design and the National Institute of Circus Arts, Swinburne’s Prahran campus is a creative, lively learning environment. Prahran is one of inner Melbourne’s most vibrant suburbs.

The Swinburne campus is just off the famous Chapel Street shopping precinct, which is lined with restaurants, night clubs, and shops stocked with the latest local and international fashions. With a train station just around the corner and easy access to trams, it is a convenient location, whether you’re heading into the city centre or to the neighbouring beachside suburb of St Kilda.

Campus facilities include a library, bookshop, cafe, health and counselling services, computer labs and wireless internet.

LILYDALE CAMPUS
Student population: 4,100
Distance from the city centre: 40km
Travel time from city centre by train: 50 min

The tranquil setting and friendly, supportive atmosphere of our Lilydale campus ensure students have a valuable learning experience. Campus facilities include the Student Village accommodation which overlooks beautiful Lilydale Lake, Mitchell’s View training restaurant (for hospitality students) and a purpose-built postgraduate research building.

The campus is easily accessible by train and you’ll enjoy the convenience of a shopping centre within walking distance.

Campus facilities include library, health and counselling services, bookshop, café, computer labs and wireless internet.

SARAWAK CAMPUS
Student population: 1032
Distance from the city centre: 3km
Travel time from city centre by car: 15 min

As the largest city in the state of Sarawak, Kuching is rapidly developing, boasting a population of almost half a million. In the city itself, you can find bustling shopping hubs and eclectic buildings, with a mix of modern and post-colonial architecture. Within minutes of its outer boundaries are magnificent mountains, unspoilt beaches and even an award winning ‘living’ museum, the Sarawak Cultural Village.

Voted as one of the most liveable cities in Asia in the year 2000, Kuching is a superb choice for local and international students to live in while pursuing quality tertiary education. Sarawak campus is close to major commercial centres, with easy access to food courts and public transport.

Campus facilities include: lecture and seminar rooms, engineering workshops, computer labs, state-of-the-art digital resource centre, computer network with high-speed internet access, cafeteria serving halal food, student lounge, library with photocopying services, sporting facilities and ample parking space.

The on-campus accommodation features furnished rooms; shared laundry, bathrooms and recreation areas; and 24-hour security.

The information in this guide pertains to applying to study at Swinburne’s Melbourne campuses, and living in Australia.

For information about Sarawak, email: info@swinburne.edu.my

Grab lunch on Glenferrie Road, just around the corner from Hawthorn campus

Chapel Street, Prahran, is famous for restaurants, cafés and shopping

i LECTURE YOU CAN GET COURSE MATERIALS ON YOUR i POD

DID YOU KNOW?

Swinburne offers more than 700 on-campus accommodation places. See page 8 for details.
Where you live can make all the difference to your study experience in Australia.

At Swinburne, we offer various accommodation options to ensure your home environment suits your lifestyle.

ON-CAMPUS RESIDENCES

There are on-campus residences at the Hawthorn and Lilydale campuses. Prahran students can choose to live at the Hawthorn residences and commute to Prahran by train (20 minute trip).

Swinburne Place Apartments (Hawthorn)

The brand new apartments accommodate 371 students in a range of one, two, three or four bedroom apartments, and two bedroom terraces and townhouses. The fully furnished apartments offer private bed/study rooms, bathroom, fully equipped kitchen with an open plan living/dining area and high speed internet connection, TV and telephone.

All apartments are fully secured, and bedrooms in shared apartments are lockable. Shared facilities include laundry facilities, study/tutorial rooms, an outdoor barbecue area and car parking. The fees in 2006 are A$185–250 per week, plus utilities.

The Residential College (Hawthorn)

The College has 84 single study bedrooms, which are fully furnished. It offers a safe and supportive environment particularly suited to students who have not lived away from home before. Each room has a single bed, a built-in desk with bookshelf, a sink and vanity cupboard, an electric jug, desk lamp, telephone, broadband internet connection, ergonomic study chair and a visitors’ chair. Bedrooms are heated and bed linen is provided. Shared facilities include: bathroom and toilets on each floor; kitchen with self-catering facilities; recreation/TV lounge areas; laundry facilities and tutorial rooms. The fees in 2006 are A$220–250 per week.

Student Residence Apartments (Hawthorn)

The apartments offer independent living and are particularly suited to senior students or to those who have lived away from home before. There are 56 apartments capable of accommodating 156 students. They are partly furnished and feature: bedrooms with single bed, desk and ergonomic chair, telephone and broadband internet connection; kitchen with stove, oven, fridge and electric jug; gas heating; dining table and chairs; lounge with chairs and coffee table; laundry with washing machine and dryer; individual apartment and bedroom locks; and a security entrance. The fees in 2006 are A$173 – 230 per week.

Lilydale Student Village

The Village is situated on the Lilydale campus, overlooking scenic Lilydale Lake. The Village is only a two minute walk to the university building. It has 100 beds available in 25 self-catering apartments. Each contains four or five separately keyed bedrooms, a kitchen and a lounge room. Sixty-four bedrooms have ensuite bathrooms and 36 bedrooms have ‘twin-share’ bathrooms. A number of rooms have wheelchair access. The fees in 2006 are A$145 – 170 per week.
For further information on Swinburne accommodation, including application, current fees and other costs, see www.international.swinburne.edu/accommodation

**HOMESTAY**
Homestay means living with a local family or resident. It is a good environment for learning English and experiencing the Australian lifestyle. It is also an inexpensive option for short-term accommodation while other longer-term accommodation is arranged. Full homestay includes three meals per day, a furnished bedroom, and electricity, gas and water. Students generally prepare their own breakfast and lunch from ingredients provided by the host. Hot dinners are prepared by the host. The cost in 2006 is A$180 – $220 per week depending on the quality of accommodation.

Part homestay is the same but without meals. The 2006 fees are A$120 – $150 per week.

Temporary accommodation in homestay is for a four-week minimum period. Homestay bookings should be made at least ten days prior to arrival. Upon arrival, a bond and two weeks’ rent need to be paid. The bond is refundable at the end of your stay if there are no outstanding bills or property damage.

www.international.swinburne.edu/homestay

**PRIVATE RENTAL & SHARE ACCOMMODATION**
The most popular and affordable accommodation option is to share a two or three room rental house or apartment with other students. You can’t pre-book share accommodation, so we recommend that you choose another accommodation option for when you first arrive and then consider moving after a few months settling in. Once you have your Swinburne student number, share accommodation listings can easily be found on the online Swinburne Student Housing Database: http://swinaccomm.visualeyes.net.au/

In 2006, the average cost of share accommodation is $100 per week for a room plus utilities (gas, electricity and water), which are approximately $15 per week. You can also choose to establish your own household in a privately rented flat or house. Swinburne International can provide you with advice on location, and a reference letter confirming your enrolment at Swinburne. Remember that setting up your own flat or house will also mean furnishing it, so you’ll need to budget for that.

www.international.swinburne.edu/renting

**LIVING COSTS**
Living costs vary according to the type of accommodation you choose and the lifestyle you lead. You will require an approximate minimum of A$13,000 per year for ongoing living costs (not including tuition fees or airfares). You will also need to budget approximately A$2,000 for the initial costs of establishing yourself in Melbourne and it is recommended you allow A$1,500 – $2,000 for the purchase of a computer.

Costs for students with families
If you are bringing your family, you will also need an approximate minimum of A$5,000 per year for your spouse and A$3,000 per year for each child (not including school fees and uniforms).

All costs are indicative only. For further information on bringing your family to Melbourne, please see page 42.

www.international.swinburne.edu

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**MY ADVICE: CHOOSE MELBOURNE!**
Studying in Melbourne is a great experience and I enjoyed the different education system at Swinburne. Outside of class I spent my time playing sports, socialising at house parties and clubs and also surfing at beaches along the Great Ocean Road. My advice for future students is to choose Melbourne. You will find everything you need, want and dream about in Melbourne. Go for it!

TEEMU PIETILÄINEN
Business student from Finland

**INTERNATIONAL ATMOSPHERE**
The thing that I enjoyed most about Swinburne and Melbourne is the fact that it is full of people from all over the world. So if you study here, you are not just going to immerse yourself in Aussie culture; you will also get to know different cultures and be ‘mates’ with everyone from everywhere.

PATRICIA VARGAS OROZCO
Media & Communications student from Mexico
THERE ARE STUDENTS FROM OVER 100 COUNTRIES AT SWINBURNE. YOU CAN JOIN THEM AT www.international.swinburne.edu.
Swinburne offers a fantastic lifestyle for international students.

STUDENT CLUBS
Joining a club gives you the opportunity to form new friendships. As close networks are made, club members become an excellent source of support and information. This is particularly true when you first arrive.

Clubs have regular social activities, cultural nights and sporting events. From the African Club, Chinese Club Business Student Society, the Aviation Club, the Multicultural Student Fellowship and the Malaysian Association of Students to the Art Club, Film Group and a range of sports clubs, you’re sure to find a group where you’ll feel right at home.

INTERNATIONAL STUDENT ACTIVITIES
There is so much more to studying in Australia than just being in the classroom, which is why Swinburne International organises affordable daytrips and activities for all our international students. Trips to popular tourist destinations are run most weekends during the teaching period. We also arrange numerous adventure activities. These trips are a great way to make new friends while seeing the rest of what Australia has to offer.

www.international.swinburne.edu/recreation

SEMESTER TRIPS
Here is just a taste of some of the activities that Swinburne international students have enjoyed:

- **Around the Bay in a Day:** Enjoy the spectacular views of Port Phillip Bay. Head towards Mornington Peninsula by bus, past the beach at Rosebud, and on to Sorrento. Take the Ferry across the heads to Queenscliff, then board the Bellarine Peninsula Railway steam train and experience breathtaking views.

- **MCG (Melbourne Cricket Ground) Tour:** Take a tour of the home of Australian sport and the venue for the 2006 Commonwealth Games.

- **Great Ocean Road Daytrip:** See one of the most beautiful stretches of road in Australia. Enjoy the scenic beauty that is Loch Ard Gorge and then head across to the spectacular view of the Twelve Apostles.

- **Phillip Island Koalas and Penguins:** See koalas in their natural habitat at the Conservation Centre. Then head to the Penguin Parade to watch the cute little fairy penguins emerge from the water and make their way to their burrows.

- **East Coast Tour:** Travel the East Coast of Australia stopping off at Byron Bay, the NSW Coast, Sydney, the Blue Mountains and Canberra.
At Swinburne we know you want to make the most of your time here, both inside and outside the classroom. That’s why we provide specialised services to help you make the transition to life and study in Melbourne.

SWINBURNE INTERNATIONAL
Swinburne International is responsible for the admission, orientation and support of all international students. It will be your first point of contact when you arrive and will provide ongoing support throughout your time here.

Just some of the areas we can help you with include your application, accommodation, visas, health insurance, course information, and referrals to other services both on and off campus. Plus many of our staff speak languages other than English.

LANGUAGE & ACADEMIC SKILLS UNIT (LAS)
LAS runs workshops throughout the teaching period to assist students in developing the necessary skills and techniques to achieve their academic goals. Students can also make individual appointments with the LAS Advisors (including maths and computing teachers) to review assignments and prepare for examinations.

STUDENT SERVICES
Numerous services are available to all Swinburne students, including careers and employment advice, childcare facilities, counselling, services for students with a disability, health services, financial advice and study support.

“REFRESHINGLY PRACTICAL
I have just completed the first year of the MIT and found the program refreshinglly practical and relevant to industry. I particularly benefitted from the Enterprise Java and Advanced Web Development subjects which will have great relevance to my work in Sri Lanka when I return.

The Swinburne academic staff have been helpful and approachable and the University facilities are conducive for study, particularly the 24-hour Library Late Lab.

VASANTHA ALWIS
Master of Information Technology student from Sri Lanka
Teaching and assessment

INNOVATIVE TEACHING
At Swinburne our teachers are focused on optimising your learning experience. Our teaching staff will use a number of innovative delivery methods to promote your understanding of your chosen course. While you are studying with us you will have the opportunity to participate in a variety of lectures, tutorials, laboratory and studio sessions, group work, cross discipline projects, case studies, practical sessions, discussion groups and individual research projects, depending on the course you choose.

Swinburne students are encouraged to participate in culturally diverse study groups and to take responsibility for their own learning. Much of your success will depend on your commitment to developing a mature and self-directed learning style.

FLEXIBLE DELIVERY
You will also be exposed to the latest in flexible delivery options such as: video streamed lectures, video conferences, simulations, discussion forums and online chats. You will have plenty of opportunities to meet and interact with other students to optimise your learning and build professional networks.

ASSESSMENT
Assessment takes various forms. Generally course work students will be assessed through a combination of assignments, examinations, practicals and presentations.

RESEARCH DEGREES
If you undertake a research degree you will be required to plan, develop and conduct an approved research project under the supervision of an academic staff member. You must submit a thesis for assessment. Often your thesis must be accompanied by a product or artefact that embodies the research. You may also be required to attend seminars or classes relevant to your research topic.

Learning facilities

LIBRARY
Students have access to library services across all campuses. Swinburne libraries provide information resources, information literacy training (library orientation and skills in finding, evaluating, organising and using information) and information access services.

INFORMATION TECHNOLOGY
The Information Technology Services department provides computing services and support including computer labs, online library services, dial-in access and webmail. Wireless internet access is available across the whole Hawthorn campus and within selected parts of Lilydale, Wantirna, Croydon and Prahran campuses.

Academic terminology

Course: This is what we call your doctorate, degree, diploma, certificate or complete program of study. It is made up of a number of units. Most postgraduate courses are from six months to four years duration.

Unit of Study (unit): An individual subject or module studied as part of a course.

Prerequisite: A unit of study or other requirement that must be completed in order to take further units at Swinburne.

Credit Point: Each Swinburne unit of study has a credit point value. Most units are 12.5 credit points.

Teaching Period (TP): The period when classes are in session. Also called a ‘semester’ or ‘term’ by some institutions. Swinburne has six teaching periods per year. Most international students will begin their courses in TP2 (commencing in February) or TP4 (July).

Study Load: Load relates to the number of credit points studied in each teaching period. Student visa holders are required to take a full-time study load. For most courses at Swinburne, a full-time study load is 50 credit points in each of TP2 and TP4.

DID YOU KNOW?
At Swinburne you can apply for credit for your previous studies and reduce the duration of your course.

YOU CAN STUDY ONLINE AND BY DISTANCE FROM YOUR HOME COUNTRY.
Want to learn more? www.swin.edu.au/pgonline
I want to improve my English in order to study a Master degree in IT at Swinburne. I’m enjoying ELICOS because I have many international friends to share experiences with, and all of the teachers are very kind and lovely.

If you want to have a great experience in your life, make a lot of fantastic friends from other countries and also improve your knowledge and skills, Swinburne is a wonderful choice for you.

KANISORN TIRASETPHAKDEE
ELICOS student from Thailand

Studying English at Swinburne

Swinburne’s English Language Centre provides intensive English language courses (ELICOS) for international students who intend to study in Australia or wish to improve their English for social or business purposes. The centre is located on the Hawthorn campus.

COURSES

Courses range from Pre-Intermediate to Advanced levels, so you can undertake a program suited to your needs and reach the English level required for your further studies.

Programs range in duration from 5 to 40 weeks. There are many intakes throughout the year; with programs starting every five weeks. Each level has a duration of 10 weeks (200 classroom hours; 50 hours in the Independent Learning Centre). During the orientation program, you will be interviewed and tested to determine the course level appropriate for you.

General English, Levels 1 and 2 (Pre-Intermediate and Intermediate): This course extends your basic knowledge of grammar and vocabulary. The focus is on increasing your confidence in using English for communication.

English for Academic Purposes, Level 1 (Upper Intermediate): This course introduces the language and study skills required for tertiary studies.

English for Academic Purposes, Level 2 (Advanced): At Level 2 you will learn the language specific to your intended field of study, such as art/design, business or IT, as well as general academic skills in research, writing essays and reports and giving oral presentations.

DEFINITELY THE RIGHT CHOICE!

I want to improve my English in order to study a Master degree in IT at Swinburne. I’m enjoying ELICOS because I have many international friends to share experiences with, and all of the teachers are very kind and lovely.

If you want to have a great experience in your life, make a lot of fantastic friends from other countries and also improve your knowledge and skills, Swinburne is a wonderful choice for you.

KANISORN TIRASETPHAKDEE
ELICOS student from Thailand

Swinburne also offers English language courses at Sarawak. For details, see www.swinburne.edu.my/courses.htm

DEVELOP THESE SKILLS

- Reading strategies
- Writing skills
- Interpretation of graphic information
- Note-taking from both lectures and written texts
- Research and library techniques
- Seminar and tutorial strategies
- Language specific to art/design, business, engineering, science and IT
- Computer-based skills

LEARNING STYLE

- Class times: 25 hours per week between 8.30am – 4.30pm.
- Class size: Average of 14 students per group.
- Facilities: Language lab/ multimedia lab, independent Learning Centre, fully equipped modern classrooms.
- Teachers: Friendly, experienced, postgraduate qualified ESL/EFL teachers.
- Materials: Print, audio, video and computer based materials are used in all programs.
- Certificates: Reports and certificates are issued at the end of each program.
- Orientation program: A program is conducted by bi-lingual staff from Swinburne International. It provides information on banking, housing, transport and social activities to help you adjust to living in Melbourne.

ENGLISH AT SARAWAK

Swinburne also offers English language courses at Sarawak. For details, see www.swinburne.edu.my/courses.htm
Swinburne’s research activities ensure that the University contributes to and influences the advancement of the fields in which it engages.

Research Activities

Our research is supported by industry partners, large and small commercial companies, other reputable education institutions and the broader community. In turn, our research provides solutions and innovations that contribute to the advancement of the fields in which we engage.

Research Programs

If you achieved a high standard during your bachelor degree, you should consider getting involved with cutting-edge research by undertaking a research degree at Swinburne.

The following programs are available:

- Master of Science
- Master of Arts
- Master of Business
- Master of Design
- Master of Engineering
- Doctor of Philosophy

The annual course fee for all research degrees is A$20,000. The standard duration for a Masters by research is two years and for a PhD it is three years. (There are some exceptions: contact Swinburne International for details).

These courses are available in a broad range of multidisciplinary fields. Consult our research website to see whether Swinburne can support research in your area of interest, or email us: international@swinburne.edu.au

Additionally, Professional Doctorates are available in Business Administration, Design and Psychology – see pages 18–19 for details.

The Office of Research & Graduate Studies (ORGS)

ORGS is dedicated to the needs of the University’s research community. Located in a historic building in the centre of the Hawthorn campus, the facilities offered for postgraduate research students include: individual work spaces including carrel and filing cabinet, fully networked computers with internet access and email, printing facilities, IT support, open access to suit a variety of work patterns, ready access to staff, as well as security and privacy. ORGS also offers a regular program of seminars and workshops tailored to the needs of research staff and students. Each week the research community is updated on services, schemes and opportunities, including information about research grants, scholarships, fellowships, tenders and consultancies.

www.swin.edu.au/research/key

Areas of Research Excellence

Research is carried out across a range of multi-disciplinary fields. The following are some areas in which we have an outstanding reputation for excellence:

- Advanced Computing and Modelling
- Advanced Industrial Technologies
- Astrophysics
- Biotechnology and Bioengineering
- Brain Function and Cognition
- Entrepreneurship
- New Communication Technologies
- Optics and Applied Laser Technology
- Social Sustainability and Well-being

www.swin.edu.au/research/key
WHAT’S NEW?
New courses for international students are listed at: www.international.swinburne.edu

Postgraduate coursework programs

- Arts & psychology
- Business, entrepreneurship & management
- Design
- Engineering
- Information technology & computing
- Multimedia
- Science, technology & the environment
Swinburne University of Technology will offer the following postgraduate coursework programs in 2007. Refer to individual course descriptions for entry requirements and information regarding the optional Honours programs available through several of the Masters courses. For unit descriptions and further details about curriculum refer to: www.international.swinburne.edu/courses

<table>
<thead>
<tr>
<th>Course Fee</th>
<th>Campus</th>
<th>Duration</th>
<th>Intake</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARTS &amp; PSYCHOLOGY</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Graduate Diploma of Arts in Applied Media</td>
<td>A$6,625 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Applied Media</td>
<td>A$17,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Postgraduate Diploma of Psychology</td>
<td>A$18,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb</td>
</tr>
<tr>
<td>Master of Arts (Applied Media)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>1.5 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Arts (Communications)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>1.5 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Psychology in Counseling Psychology</td>
<td>A$18,250 annual</td>
<td>HW</td>
<td>2 years</td>
<td>Feb</td>
</tr>
<tr>
<td>Professional Doctorate of Psychology (Clinical Psychology)</td>
<td>A$18,250 annual</td>
<td>HW</td>
<td>4 years</td>
<td>Feb</td>
</tr>
<tr>
<td>Professional Doctorate of Psychology (Counselling Psychology)</td>
<td>A$18,250 annual</td>
<td>HW</td>
<td>4 years</td>
<td>Feb</td>
</tr>
<tr>
<td><strong>BUSINESS, ENTREPRENEURSHIP &amp; MANAGEMENT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Certificate of Accounting</td>
<td>A$6,625 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Business Administration</td>
<td>A$10,000 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul, Nov</td>
</tr>
<tr>
<td>Graduate Certificate of Business (Applied Business)</td>
<td>A$7,125 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Business (eBusiness and Communication)</td>
<td>A$6,625 total</td>
<td>L</td>
<td>6 months</td>
<td>Feb, Jul, Nov</td>
</tr>
<tr>
<td>Graduate Certificate of Business (Human Resource Management)</td>
<td>A$6,625 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Business (International Business)</td>
<td>A$6,625 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
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<tr>
<td>Graduate Certificate of Business (Marketing)</td>
<td>A$6,625 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Entrepreneurship and Innovation</td>
<td>A$10,125 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate in Business (Executive Administration)</td>
<td>A$7,125 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb</td>
</tr>
<tr>
<td>Graduate Certificate of Business (Quality Management)</td>
<td>A$7,125 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb</td>
</tr>
<tr>
<td>Graduate Certificate in Business (Supply Chain Management)</td>
<td>A$7,125 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Business (Project Management)</td>
<td>A$7,125 total</td>
<td>HW</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Accounting</td>
<td>A$17,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Business Administration</td>
<td>A$25,000 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul, Nov</td>
</tr>
<tr>
<td>Graduate Diploma of Business (eBusiness and Communication)</td>
<td>A$17,250 total</td>
<td>L</td>
<td>1 year</td>
<td>Feb, Jul, Nov</td>
</tr>
<tr>
<td>Graduate Diploma of Business (Human Resource Management)</td>
<td>A$17,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Business (International Business)</td>
<td>A$17,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Business (Marketing)</td>
<td>A$17,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Entrepreneurship and Innovation</td>
<td>A$20,250 total</td>
<td>HW</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Accounting</td>
<td>RM3,500 per unit</td>
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<td>2 years</td>
<td>Feb, Jul</td>
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<tr>
<td>Master of Accounting (Honours)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>1.5 or 2 years</td>
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</tr>
<tr>
<td>Master of Accounting (Honours)</td>
<td>A$17,250 annual</td>
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<td>2 years</td>
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<tr>
<td>Master of Business Administration (MBA)*</td>
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<td>13-24 months</td>
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<td>18-36 months</td>
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<tr>
<td>Master of Business (eBusiness and Communication) (Honours)</td>
<td>A$17,250 annual</td>
<td>L</td>
<td>2 years</td>
<td>Feb, Jul, Nov</td>
</tr>
<tr>
<td>Master of Business (Human Resource Management)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>1.5 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Business (International Business)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>1.5 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Business (Marketing) (Honours)</td>
<td>A$17,250 annual</td>
<td>HW</td>
<td>2 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Entrepreneurship and Innovation (MEI)</td>
<td>A$30,375 total</td>
<td>HW</td>
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<td>Feb, Jul</td>
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<tr>
<td>Master of Entrepreneurship and Innovation (Honours)</td>
<td>A$40,500 total</td>
<td>HW</td>
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<td>Feb, Jul</td>
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<tr>
<td>Professional Doctorate of Business Administration (DBA)*</td>
<td>A$43,825 total</td>
<td>HW</td>
<td>2.5 years</td>
<td>Feb, Jul</td>
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<tr>
<td><strong>DESIGN</strong></td>
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</tr>
<tr>
<td>Graduate Certificate of Design in Communication Design</td>
<td>A$8,625 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Design in Industrial Design</td>
<td>A$8,625 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Design in Interior Design</td>
<td>A$8,625 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Design in Multimedia Design</td>
<td>A$8,625 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Certificate of Design in Product Design Engineering</td>
<td>A$8,625 total</td>
<td>P</td>
<td>6 months</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Design (Communication Design)</td>
<td>A$19,250 total</td>
<td>P</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Design (Design Studies)</td>
<td>A$19,250 total</td>
<td>P</td>
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<td>Feb, Jul</td>
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<tr>
<td>Graduate Diploma of Design (Industrial Design)</td>
<td>A$19,250 total</td>
<td>P</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Design (Interior Design)</td>
<td>A$19,250 total</td>
<td>P</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Design (Multimedia Design)</td>
<td>A$19,250 total</td>
<td>P</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Graduate Diploma of Design in Product Design Engineering</td>
<td>A$19,250 total</td>
<td>P</td>
<td>1 year</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Design (Communication Design)</td>
<td>A$19,250 annual</td>
<td>P</td>
<td>2 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Design (Industrial Design)</td>
<td>A$19,250 annual</td>
<td>P</td>
<td>2 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Design (Interior Design)</td>
<td>A$19,250 annual</td>
<td>P</td>
<td>2 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Design (Multimedia Design)</td>
<td>A$19,250 annual</td>
<td>P</td>
<td>2 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Master of Design in Product Design Engineering</td>
<td>A$19,250 annual</td>
<td>P</td>
<td>3 years</td>
<td>Feb, Jul</td>
</tr>
<tr>
<td>Professional Doctorate in Design</td>
<td>A$20,250 annual</td>
<td>P</td>
<td>3 years</td>
<td>Feb, Jul</td>
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</table>
ENGLISH LANGUAGE REQUIREMENTS – EQUIVALENTS

<table>
<thead>
<tr>
<th>IELTS (Academic Module)</th>
<th>TOEFL Internet Based</th>
<th>Swinburne English Language Centre</th>
<th>English as the Language of Instruction</th>
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<tr>
<td>Overall 6.0 – No individual band below 5.5</td>
<td>Overall 6.0 – No individual band below 5.5</td>
<td>Overall 6.0 – No individual band below 5.0</td>
<td>Overall 7.0 – No individual band below 6.5</td>
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<td>550 (minimum Test of Written English (TWE) score of 5)</td>
<td>213 (minimum Essay Writing Score of 5)</td>
<td>80</td>
<td>Completion of English for Academic Purposes (Level 2) module with teacher's recommendation for the appropriate level of study</td>
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<tr>
<td>Overall 6.0 – No individual band below 5.0</td>
<td>Overall 6.0 – No individual band below 5.0</td>
<td>Overall 6.0 – No individual band below 5.0</td>
<td>Overall 7.0 – No individual band below 6.5</td>
</tr>
<tr>
<td>575 (minimum Test of Written English (TWE) score of 5)</td>
<td>232 (minimum Essay Writing Score of 5)</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>Overall 7.0 – No individual band below 6.5</td>
<td>Overall 7.0 – No individual band below 6.5</td>
<td>Overall 7.0 – No individual band below 6.5</td>
<td>Overall 7.0 – No individual band below 6.5</td>
</tr>
<tr>
<td>600 (minimum Test of Written English (TWE) score of 5)</td>
<td>250 (minimum Essay Writing Score of 5)</td>
<td>100</td>
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</tr>
</tbody>
</table>

NB: Applicants in some visa assessment levels must achieve a minimum IELTS test score to qualify for a student visa. Refer to the Department of Immigration and Multicultural Affairs (DIMA) for information: www.immi.gov.au/study

Additional costs

Tuition fees do not include minor equipment costs that may be incurred as part of your course (e.g. statistics calculators, some design equipment etc). For details contact us via international@swinburne.edu.au

Notes

- Fees for Sarawak campus are for 2006, contact Sarawak for 2007 fees: info@swinburne.edu.my
- The duration of this course is 13 months, including a compulsory summer teaching period. Alternatively, 18-month and two-year programs are available.
- Students who commence in November can take a maximum of 18 months to complete the program.
- For students to complete the Honours program in 18 months, they must commence in February or July.
- This program includes a compulsory summer teaching period.
- Duration assumes 100 credit points of exemptions. Students undertake 100cp of studies at an accelerated rate of 50cp per teaching period.
- Duration assumes 50 credit points of exemptions. Students undertake 150cp of studies over 2 years.
- This course may be taken in accelerated format and completed in 1.5 years, in which case students pay the total course fee over this period.
Looking to expand your expertise? Thinking of a career change? Our Arts and Psychology courses can help you open doors and create opportunities, giving you a competitive edge. You’ll benefit from our careful blend of coursework and practice, committed teaching and superb facilities.

Applied media
Clinical psychology
Communications
Counselling psychology
Psychology

Postgraduate Diploma of Psychology

Campus Hawthorn
Duration One year
Intake February
Total course fee A$18,250

Entry requirements: A recognised bachelor degree in psychology (must be Australian Psychological Society accredited). IELTS 7.0 (Academic Module) with no individual band score less than 7.0, or equivalent: please contact Swinburne International for details.

If you meet the above requirements you may be interviewed to determine final acceptance.

Course description: This course is designed to prepare you to enter the psychology profession. You will develop basic competencies in research design and analysis and psychological assessment, plus an understanding of the ethical, moral, legal and social responsibilities of psychologists engaged in social and applied research and professional practice.

Course units include:
- Advanced Quantitative Methods
- Contemporary Psychology
- Counselling Psychology
- Psychological Assessment
- Ethical and Professional Issues
- Neuropsychology Methods
- Thesis

Professional recognition: This program is accredited by the Australian Psychological Society as a fourth year of study and meets the requirements for Associate Membership of the Australian Psychological Society, and registration as a probationary psychologist with the Psychologists Registration Board of Victoria.

Terms and conditions apply.

www.international.swinburne.edu
### Master of Arts (Applied Media)

**Incorporating:**
- Graduate Certificate of Arts in Applied Media
- Graduate Diploma of Arts (Applied Media)

#### Campus Hawthorn

**Duration:** Master: One-and-a-half years

**Exit points:**
- Graduate Diploma: One year
- Graduate Certificate: Six months

**Intake:** February and July

**Annual course fee:** A$17,250

**Entry requirements:**
- A recognised bachelor degree OR other qualifications with relevant experience deemed appropriate by the University. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

**Course description:** This suite of courses is designed to provide both a theoretical base and a portfolio of skills applicable to a wide range of media activities. It is ideal if you are interested in working within media-related industries, or are already working in the media and wish to enhance your expertise.

**Career opportunities:** The applied media courses provide a broad range of writing and production skills valued in many sectors of the print, broadcasting and electronic media, such as radio production, journalism and information technology. You will be equipped with the kind of digital technology skills likely to be sought after by software developers in the multimedia industry.

**Course units include:**
- Media Project
- Media Work Experience/Placement
- Media Industry Seminar
- Online and Convergent Journalism
- Cultural Convergence
- Creative Writing and New Media
- Electronic Writing
- Globalisation: Media and Telecommunications
- New Media Production
- Digital Video and Audio
- Multimedia Authoring
- Radio Production and Criticism
- Media Arts in Australia
- Communication Environments
- Advanced Radio Production
- Media Public Policy
- Key Cultural Issues in Media and Communications
- Minor Thesis (optional)

### Master of Arts (Communications)

#### Campus Hawthorn

**Duration:** One-and-a-half years

**Intake:** February and July

**Annual course fee:** A$17,250

**Entry requirements:**
- A recognised Bachelor degree OR other qualifications with relevant experience deemed appropriate by the University. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

**Course description:** This advanced media and telecommunications course provides you with specialised knowledge at the cutting edge of communications culture. You will gain skills in media and telecommunications policy analysis, cultural theory and textual analysis, production, writing and journalism, new communications technology and marketing.

**Career opportunities:** You will be able to find employment in media, information technology and telecommunications companies, as well as policy, advertising and education.

**Course units include:**
- Globalisation: Media and Telecommunications
- Cultural Convergence
- Communication Environments
- Key Cultural Issues in Media and Communication
- Media Public Policy
- New Media Production
- Multimedia Authoring
- Electronic Writing
- Radio Production and Criticism
- Online and Convergent Journalism
- Creative Writing and New Media
- Electronic Writing
- Digital Video and Audio
- Media Arts in Australia
- Advanced Radio Production
- Minor Thesis (optional)

### Master of Psychology in Counselling Psychology

#### Campus Hawthorn

**Duration:** Two years

**Intake:** February

**Annual course fee:** A$18,250

**Entry requirements:**
- A degree from an Australian university and completion of a four-year sequence of psychology studies at a suitably high level, including a credit average in a course accredited by the Australian Psychological Society (APS), or equivalent overseas qualifications recognised by APS.

**Course description:** This course provides high level training in counselling and related skills for professionals who provide helping services with major life domains such as relationships, the family, work and education.

**Career opportunities:** This will allow you to gain employment in a range of helping and human services settings, such as educational counselling services, private practice, human services training, research and evaluation, hospital and rehabilitation services, relationship and family counselling, community-oriented general counselling services.

**Course units include:**
- Counselling Theory and Skills
- Psychological Assessment
- Human Services Research and Evaluation
- Counselling Placement A1 & A2
- Professional, Ethical and Legal Issues
- Research Project (Counselling) A1 & A2
- Counselling Applications
- Diagnosis, Treatment and Referral
- Supervised Counselling Placement B1 & B2
- Psychology of the Family
- Research Project (Counselling) B1 & B2
- Aspects of Professional Practice

**Professional recognition:** You will be eligible for registration as a psychologist in Victoria, membership of the APS and, after 2 years of supervised practice, full membership of the APS College of Counselling Psychologists.

### Professional Doctorate of Psychology (Clinical Psychology)

#### Campus Hawthorn

**Duration:** Four years

**Intake:** February

**Annual course fee:** A$18,250

**Entry requirements:**
- A degree from an Australian university and completion of a four-year sequence of studies in psychology at a suitably high level, including a credit to distinction average, or above, in a course or courses accredited by the Australian Psychological Society (APS), or equivalent overseas qualifications recognised by the APS.

**Course description:** This higher degree by research provides you with the opportunity to develop professional skills in clinical psychology along with completion of a substantial research project. Clinical psychology provides high-level training in psychopathology, assessment and therapeutic interventions with adults and children who are suffering from clinical disorders. You will gain an understanding of clinical practice related to emotional disorders eg. anxiety disorder, mood disorder, psychosis and personality disorder.

**Professional recognition:** You will be eligible for registration as a psychologist in Victoria, membership of the APS and, after 2 years of supervised practice, full membership of the APS College of Counselling Psychologists.

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www.international.swinburne.edu
A WELCOMING ENVIRONMENT

The MA in Counselling Psychology at Swinburne provided me with a wide array of skills and knowledge as it elegantly combined theories, research and practical skills. I have just been accepted to the PhD program in Psychology and am all the more delighted to extend my stay at Swinburne. I was attracted by Swinburne’s welcoming environment. It provides a lot of interaction between students and lecturers, whereby students are made to feel that they are important contributors to the University. This warm and friendly environment is all the more conducive to serious and productive work.

MONA MERHEJ
Master of Arts in Counselling Psychology student from Germany
Graduate Certificate of Business (Applied Business)*

- Accounting
- Administration
- Applied business
eBusiness
- Executive administration
- Entrepreneurship and innovation
- Human resource management
- International business
- Marketing
- Project management
- Quality management
- Supply chain management

Campus: Hawthorn
Duration: Six months
Intake: February and July
Total course fee: A$7,125

Entry requirements: A recognised bachelor degree with a minimum of 3 years work experience, OR a minimum of five years work experience in a responsible position in business or industry. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

Course description: This course is designed to allow you to develop vocational knowledge and skills in a new professional, business-related area.

Career opportunities: As you will already be established in a business career, it is expected that the key vocational outcomes will arise from better current job performance as well as new opportunities opening in a broader business and international business operating environment.

Course units include:
- Marketing
- Management Communication
- Tools for Quantitative Analysis
PLUS one of the following electives:
- Global Trading Issues
- Strategic Human Resource Management
- Leadership and Management

Please note: the full range of electives may not be offered every teaching period.

* This is a postgraduate course accredited by Swinburne University of Technology and delivered by Swinburne’s TAFE Division. All graduates will receive a Swinburne University of Technology award.

www.international.swinburne.edu
Graduate Certificate in Business (Executive Administration)*

Campus: Prahran
Duration: Six months
Intake: February
Total course fee: $7,125

Entry requirements: A recognised bachelor degree. IELTS 6.0 (Academic Module) with no individual band score less than 5.5, or equivalent; see page 19 for details.

Course description: This course is ideal if you are a secretary or administrator and possess executive administration skills, but have no formal qualification recognising your skills to this level; or if you wish to broaden the skills you have already gained in an undergraduate program; or if you would like to significantly increase your skills and qualifications in order to apply for a promotion to a position of executive secretary/assistant or personal assistant.

Career opportunities: Graduates of this program generally find employment as executive or personal assistants.

Course units include:
- Executive Administration
- Managing Electronic Communication
- Fundamentals of Management Processes
- PLUS electives

Professional recognition: Graduates are eligible for membership of the Institute of Professional Secretaries and Administrators.

Graduate Certificate in Business (Quality Management)*

Campus: Hawthorn
Duration: Six months
Intake: February and July
Total course fee: $7,125

Entry requirements: A recognised bachelor degree with a minimum of three years work experience OR a minimum of five years work experience in a senior position in a relevant industry or business. IELTS 6.0 (Academic Module) with no individual band score less than 5.5, or equivalent; see page 19 for details.

Course description: This course enables you to plan, initiate, control, install and audit Quality Management programs successfully. It is especially designed to incorporate/address both the new ISO9000 in 2000 standards for quality and the criteria for international Business Excellence Framework awards. The program also develops core leadership and management competencies required by contemporary quality managers and their organisations. It is applicable to health, manufacturing, service, private, government and semi-government. This course caters equally for small and large organisations.

Career opportunities: You will be able to pursue careers in quality management, manufacturing management and the health industry.

Course units include:
- Management Responsibilities
- Process Management
- Management Analysis and Improvement
- Resource Management

Professional recognition: Graduates are eligible to pursue a career in purchasing, supply, logistics, distribution or warehousing.

Graduate Certificate in Business (Supply Chain Management)*

Campus: Hawthorn
Duration: Six months
Intake: February and July
Total course fee: $7,125

Entry requirements: A recognised bachelor degree with a minimum of three years work experience OR a minimum of five years work experience in a senior position in a relevant industry or business. IELTS 6.0 (Academic Module) with no individual band score less than 5.5, or equivalent; see page 19 for details.

Course description: This course aims to provide you with the complex principles and practices, knowledge and attitudes which will enable you to perform the duties of managing and guiding industry and organisations in supply chain management.

Career opportunities: You will be able to pursue a career in purchasing, supply, logistics, distribution or warehousing.

Course units include:
- Supply Chain Logistics
- Logistics
- Employer Relations
- Quality and Supply Chain

Professional recognition: Graduates may be eligible to become a member of an international professional association in the Supply Chain/Purchasing discipline in their home country.

Graduate Certificate in Business (Project Management)*

Campus: Hawthorn
Duration: Six months
Intake: February and July
Total course fee: $7,125

Entry requirements: A recognised bachelor degree with a minimum of three years work experience OR a minimum of five years work experience in a senior position in a relevant industry or business. IELTS 6.0 (Academic Module) with no individual band score less than 5.5, or equivalent; see page 19 for details.

Course description: This course is ideal if you are a practising project officer or manager who want to pursue specialist study and develop skills at a managerial level.

Career opportunities: If you are currently a project officer you can expect to move into project management roles or if you are a project manager you will be able to take on more senior responsibilities, or coordination and integration of a number of projects.

Course units include:
- Project Management Framework
- Project Planning and Initiation
- Project Management and Closure
- Project Study

Pathways: Successful completion of units in the Graduate Certificate in Business (Project Management) may give you exemptions in Swinburne’s range of business related Graduate Diploma and Masters programs.

Professional recognition: You may be eligible for membership of the Australian Institute of Project Management.

To achieve success in today’s competitive environment it is essential that managers develop the ability to interact positively with others, whether they are employees, colleagues, customers or suppliers. Strong interpersonal skills are also required if students are to maximise the benefits from their management studies. At Swinburne you can get all these.

NAVEEN RADHAPPAN
Master of Business Administration student from India

*This is a postgraduate course accredited by Swinburne University of Technology and delivered by Swinburne’s TAFE Division. All graduates will receive a Swinburne University of Technology award.
### Master of Accounting

**Incorporating:**
- Graduate Certificate of Accounting
- Graduate Diploma of Accounting

<table>
<thead>
<tr>
<th>Campus</th>
<th>Hawthorn</th>
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</thead>
</table>
| **Duration** | Master: One-and-a-half years OR two years  
Honours: Two years |
| **Exit points** | Graduate Certificate: Six months  
Graduate Diploma: One year |
| **Intake** | February and July |
| **Annual course fee** | A$17,250 |

**Entry requirements:** A recognised bachelor degree. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent; see page 19 for details. If you do not hold an appropriate qualification but have significant relevant work experience (normally five years or more) you are encouraged to apply.

**Course description:** This suite of courses is designed to provide you with the technical, practical, analytical and creative skills to enable you to effectively deal with accounting and finance issues within planning and decision making. These skills, together with those developed in your previous non-accounting studies, will make you a valuable asset in the eyes of employers seeking accounting professionals who can communicate with non-accounting personnel.

**Career opportunities:** As you may already be established in a business career, the key vocational outcomes will arise from better current job performance together with new opportunities opening in the accounting and finance areas. This program also offers the opportunity for non-accounting graduates to gain an accounting qualification.

### Master of Accounting

**Incorporating:**
- Graduate Certificate of Business Administration
- Graduate Diploma of Business Administration

<table>
<thead>
<tr>
<th>Campus</th>
<th>Sarawak</th>
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<tbody>
<tr>
<td><strong>Duration</strong></td>
<td>Two years, full-time</td>
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<tr>
<td><strong>Current mode</strong></td>
<td>The program will be conducted at the rate of three units per semester, over a period of two years.</td>
</tr>
<tr>
<td><strong>Intake</strong></td>
<td>February</td>
</tr>
<tr>
<td><strong>Course Fee</strong></td>
<td>RM3,500 per unit*</td>
</tr>
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</table>

**Entry Requirements:** A recognised bachelor degree. Students with a recognised diploma are required to do four extra units. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details; or the Swinburne English Placement Test – 60%.

**Course description:** This course is designed to provide a professional education to graduates of non-accounting disciplines, and to those who have approved professional experience but who do not have a formal qualification.

**Career opportunities:** This course provides an avenue for graduates to achieve professional recognition with CPA Australia. As many candidates may already be established in a business career, the key vocational outcomes will arise from better current job performance together with new opportunities opening in the accounting and finance areas.

**Honours:**
- **Level 1: Master**
  - Company Auditing
  - Financial Accounting Theory
  - Income Tax Law
  - Economics

**Professional recognition:** On successful completion of the program you may be eligible to apply for associate membership of CPA Australia and ICAA.

> If you have not completed an undergraduate degree but are deemed by the University to have equivalent experience you will be required to complete the two year program.

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**GRADUATES CAN APPLY FOR ASSOCIATE MEMBERSHIP OF CPA & ICAA**

If you are a graduate of a discipline other than Accounting, our Master of Accounting will allow you to gain a professional accounting qualification.

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**Master of Business Administration (MBA)**

**Incorporating:**
- Graduate Certificate of Business Administration
- Graduate Diploma of Business Administration

<table>
<thead>
<tr>
<th>Campus</th>
<th>Hawthorn</th>
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| **Duration** | Master: 13 months including a compulsory summer teaching period.  
Alternatively 18-month and two-year programs are also available.  
Honours: One-and-a-half years OR two years |
| **Exit points** | Graduate Certificate: Six months  
Graduate Diploma: One year |
| **Intake** | February, July and November* |
| **Total course fee** | Graduate Certificate: A$10,000  
Graduate Diploma: A$20,000  
Master: A$35,000  
Honours: A$40,000 |

**Entry requirements:** A recognised bachelor degree. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent; see page 19 for details. If you do not hold an appropriate qualification but have significant relevant work experience (normally five years or more) you are encouraged to apply.

**Course description:** The Swinburne MBA not only offers you the opportunity to acquire contemporary management knowledge and skills, it also provides you with the ability to apply that knowledge in an innovative, creative and entrepreneurial way.

The MBA's overarching themes of entrepreneurship, innovation and international business address the transitional realities of moving from the old to the new economy in four key areas: leadership, strategy, eBusiness and finance. Specialisations in these four key areas are offered through advanced electives and an integrating project.

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*Contact Sarawak for 2007 fees: info@swinburne.edu.my

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**Graduates** can apply for associate membership of CPA & ICAA.

If you are a graduate of a discipline other than Accounting, our Master of Accounting will allow you to gain a professional accounting qualification.
Career opportunities: The Swinburne MBA prepares you for a successful career in starting and/or managing enterprises in a complex, global and competitive environment.

Course structure:
Level 1: Graduate Certificate
• Product and Market Strategy
• Financial Data and Decision Making
• Opportunity Evaluation
• Leading, Following and Team Dynamics

Level 2: Graduate Diploma
• Finance for High Growth Businesses
• Business Strategy
• eBusiness Design for Competitive Advantage
• Organisation Dynamics
• Corporate Strategy
• Innovative Leadership

Level 3: Master
• Integrating Project
OR
• Advanced Electives
OR a combination of both

Honours:
A Master of Business Administration (MBA) (Honours) is available. It involves two advanced elective units (or equivalent). The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

Professional recognition: You may be eligible to apply for membership of the Graduate Management Association of Australia (GMAA).

*If you commence in November you can take a maximum of 18 months to complete the program.

Campus Lilydale
Duration
Master: One-and-a-half years
Honours: Two years

Exit points
Graduate Certificate: Six months
Graduate Diploma: One year

Intake
February, July and November

Annual course fee
A$17,250

Entry requirements: A recognised bachelor degree. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent; see page 19 for details. If you do not hold an appropriate qualification but have significant relevant work experience (normally five years or more) you are encouraged to apply.

Course description: This suite of courses recognises the application of eBusiness far beyond the electronic data transfer systems used for communication, financial and other business transactions. Through coursework and work related projects you will be encouraged to understand the power of eBusiness to integrate business functions and enable change in relationships, systems and structures in far-reaching ways. Employees need eBusiness knowledge to work effectively in innovative and entrepreneurial enterprises and the program offers the opportunity to gain advantage in these key areas.

Course units include:
• Managing the Transition to eBusiness
• Communication and Electronic Culture
• Business Information Systems for Managers

• The eBusiness Environment
• eBusiness Design for Competitive Advantage
• eMarketing and Customer Relationship Management
• Managing Strategic Cost and Performance in eBusiness
• Website Design for Business Performance
• Strategic Transformation and Entrepreneurial eBusiness
• Virtual Enterprise and Knowledge Creation
• Building an Integrated eBusiness Infrastructure
• Enterprise eBusiness Manager

Honours:
A Master of Business (eBusiness and Communication) (Honours) is available. It includes the following additional units:
• Research Methods for eBusiness and Communication Projects
• Research Proposal and Research Practice
• Work Related Project (equivalent to two units)

The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

Career opportunities: This course will prepare you for careers in management, government organisations, administrative positions in organisations undergoing rapid change, marketing, project management, business systems, and consultancy across many different industries.

Campus Hawthorn
Duration
Master: One-and-a-half years
Honours: Two years

Exit points
Graduate Certificate: Six months
Graduate Diploma: One year

Intake
February and July

Annual course fee
A$17,250

Entry requirements: A recognised bachelor degree. Relevant work experience is preferred but not essential. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent; see page 19 for details. If you do not hold an appropriate qualification but have significant relevant work experience (normally five years or more) you are encouraged to apply.

Course description: If you are a human resources (HR) practitioner in the areas of organisation behaviour, business strategy and entrepreneurial thinking this suite of courses is ideal for you. Given the current context in which business enterprises operate, demand is high for strategically astute, outcome focused, innovative and entrepreneurial HR practitioners who can demonstrate business acumen.

Career opportunities: This course provides an avenue for you to gain theoretical and practical skills in, and knowledge of, human resource management (HRM) and business practices. As you may already be established in a business career, the key vocational outcomes will arise from better job performance, new opportunities and enhancement of the HRM profession in general.
### Course structure:

**Level 1: Graduate Certificate**
- New Venture Leadership
- New Venture Financial Management
- New Venture Marketing
- Opportunity Evaluation

**Level 2: Graduate Diploma**
- Managing the Growing Business
- Financial and Legal Strategies
- Creativity and Innovation
- The Business Plan

**Level 3: Master**
- Growth Venture Evaluation
- Corporate Entrepreneurship and Innovation
- Governance and Corporate Leadership
- Negotiation and Strategic Relationships

**Honours:**
A Master of Entrepreneurship and Innovation (Honours) is available. It includes the following additional units:
- Negotiation and Strategic Relationships
- AND Integrating Project or Minor Thesis

Approved electives from appropriate levels of other postgraduate programs.

The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

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### Entry requirements:

- A recognised bachelor degree at a suitably high level including an average grade of credit and above, as well as demonstrated entrepreneurial experience satisfactory to the Selection Committee.
- IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent: see page 19 for details. If you do not hold an appropriate qualification but have significant relevant work experience (normally five years or more) you are encouraged to apply.

**Course description:**
This course is ideal if you are an intending entrepreneur or middle manager within an existing organisation wishing to develop your skills. The management of innovation is based on three key skills: organisation dynamics, marketing and quantitative assessment, and includes skills such as basic finance and a multi-disciplinary assessment of the commercial feasibility of innovative opportunities.

**Career opportunities:** You will be able to successfully start and/or develop new enterprises, and the course will enhance your career development within organisations.

### Professional Doctorate of Business Administration (DBA)

#### Course structure:

**Campus Hawthorn**
- Duration: Two-and-a-half years (estimated duration)
- Intake: February and July

**Course fee**
- Coursework: A$11,325 per four units
- Thesis: A$8,125 per six months
- Approximate total: A$43,825

**Entry requirements:**
- A Master of Business Administration degree at an approved credit level or above; OR
- A coursework Master degree at a suitably high level, including a credit average or above, in a management related area relevant to the management of organisations; OR
- A Master degree in any discipline at a suitably high level, including a credit average or above, in a management related area relevant to the management of organisations; OR
- A research-based Master degree in Business Administration or a related area at a suitably high level, including a credit average or above; OR
- Qualifications accepted as equivalent by the DBA Director; and
- At least five years of full-time, post-university managerial work experience in a field related to the candidate’s thesis topic.

IELTS 7.0 (Academic Module) with no individual band score less than 6.5, or equivalent, contact us for details.

The DBA is composed of advanced seminars in:
- Organisation: Leading in Complexity, Uncertainty and Change
- Entrepreneurship: Opportunity Based Management
- Strategy: Achieving Competitive Advantage
- Research Methodology
- Thesis

Doctoral seminars focus on entrepreneurship, strategic management and managing change in turbulence and uncertainty. The research methods are designed to ensure you have the methodological skills to successfully carry out the demands of the thesis. The thesis is expected to represent a major advancement in professional theory/practice with implementable outcomes.

**Professional recognition:** You may be eligible to apply for membership of the Graduate Management Association of Australia (GMAA).
Tailor your design course to meet your needs: you can choose to learn through coursework, professional practice or independent projects, depending on your interests and experience.

Communications design
Industrial design
Interior design
Multimedia design
Product design engineering
Design studies

LEARN BY COURSEWORK, PROJECT OR PROFESSIONAL PRACTICE

Swinburne offers coursework Masters programs in Communication Design, Industrial Design, Interior Design, Multimedia Design and Product Design Engineering. Each is available in three different modes to cater for the varied experience, needs and interests of participants.

Coursework
The coursework mode offers structured skills acquisition, design investigation and work on applied design projects conducted through design studios and seminars.

The Design Centre
The Faculty of Design’s Design Centre offers a program of experiential learning and design practice. The Design Centre is a working design studio that undertakes real projects with real clients. Participants become fully conversant in all aspects of professional design practice, including client liaison, brief taking, contract reporting, supervision and coordination of suppliers, preparation of written quotations and creative proposals, project and production management, group leadership, concept presentations to clients and marketing.

Independent Design Project
This mode offers select applicants the opportunity to explore a single, independent design project under the guidance of a design advisor.

For more information about study sequence options visit www.swinburne.edu.au/design or email nidenquiry@swin.edu.au

FLEXIBLE STUDY PROGRAMS
You can elect to move between modes during the course of your degree, beginning with one or two teaching periods in coursework mode before moving on to the Design Centre or perhaps undertaking a single, independent project.

Pictured left: Marco Salazar, from Colombo, Master of Design (Communication Design) student – with his portfolio displayed behind him, Lo Siau Wei’s ‘What’s Your Franchise?’ Retail Design Studio and Lynn Chan’s ‘Milx Milk Packaging’.
Guidelines for submission of examples of design work (portfolio)

The Faculty of Design selects postgraduate students on the basis of qualifications, experience and examples of design work. These examples should be your best, most recent work. They should demonstrate your visual and conceptual skills while representing your personal interests and range of design abilities. Design work should demonstrate originality and problem solving ability. Please include some visual documentation of the development stages of project work. Examples of visual art may also be included.

Applicants moving into postgraduate study from an undergraduate degree should present work from the final year of their degree only. Professional level work by practising designers may include design work produced under your direction when working as a team leader, art director or project manager as long as you correctly acknowledge the contribution of other designers to the project. We understand that it can be difficult to secure original examples of project work from employers. Alternative forms of evidence, such as published work, are acceptable.

Design work accompanying applications can be presented as a series of slides or a booklet of colour outputs or digitally on CD in a recognised format (PDF, PPT, SWF files preferred, cross-platform CD only please). You can also submit the URLs of websites you have created or where your interactive or audiovisual work is located. Please label all media items with your name, a short description of content and file format.

In your application, please indicate your knowledge of design software.

### PORTFOLIO SUBMISSION

**Graduate Diploma of Design (Design Studies)**

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<tr>
<th>Campus</th>
<th>Prahran</th>
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<tbody>
<tr>
<td>Duration</td>
<td>One year</td>
</tr>
<tr>
<td>Intake</td>
<td>February and July (Available from February 2007)</td>
</tr>
<tr>
<td>Total course fee</td>
<td>$19,250</td>
</tr>
</tbody>
</table>

**Entry requirements:** A recognised bachelor degree at a suitably high level in a design-related area such as visual arts, advertising, marketing, media, information technology, communications and computer science. IELTS 6.0 (Academic Module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

**Course description:** This course allows people from design-related areas such as visual arts, advertising, marketing, media, information technology, communications and computer science to take units from the Faculty’s undergraduate programs to gain a grounding in one of the following fields of design: communication design, industrial design, interior design, multimedia design.

The program has the flexibility to allow you to select units on the basis of your individual needs and interests.

Participants who achieve a Credit average (65%) in the final teaching period of the program will be eligible to proceed to the Master of Design in the relevant area of study.

**Career opportunities and professional recognition:** You will gain significant knowledge and understanding of design practice and relevant industry skills but should not expect to achieve the same level as students who have undertaken a three or four year undergraduate degree in design. Graduates seeking professional recognition and vocational proficiency may apply for further postgraduate study.

### PASSIONATE ABOUT DESIGN?

**YES!**

www.international.swinburne.edu

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**Master of Design (Communication Design)**

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<th>Campus</th>
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<tbody>
<tr>
<td>Duration</td>
<td>Master: Two years</td>
</tr>
<tr>
<td>Intake</td>
<td>February and July</td>
</tr>
<tr>
<td>Exit points</td>
<td>Graduation Certificate: Six months</td>
</tr>
<tr>
<td>Grade requirement</td>
<td>Graduation Diploma: One year</td>
</tr>
</tbody>
</table>

**Entry requirements:** Applicants with a four-year bachelor of design degree in communication design or with significant, relevant industry experience may be given exemption for the first year of the program on review of their qualifications, experience and portfolio.

**Course description:** The Master of Design (Communication Design) provides a program of study in advanced industry practice for designers wishing to achieve higher specialisation in this vital area of design. The Graduate Certificate and Graduate Diploma are ideal for designers wishing to develop new knowledge, skill sets and experience.

The Masters level of the program offers high-level experience in design practice through work on major design projects. This includes units in communication, creative strategy, branding, publication and information design. You will gain insight into business strategic planning from the client’s perspective, allowing you to develop an awareness of clients’ needs in relation to design services. The program challenges you to refine design deliverables to an advanced level, and gives guidance on how to present and document design proposals in creative, professional and visually effective ways.

**Career opportunities:** You may find work in design consultancies, advertising, publishing, visual merchandising, information technology companies, the corporate sector, private and public cultural institutions, the not-for-profit sector and government instrumentalities.

**Professional recognition:** If you complete the Masters level, you will be eligible for Associate Membership of the Design Institute of Australia (DIA), the Australian Graphic Design Association (AGDA), International Council of Graphic Design Associations (ICOGRAFA).

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**Master of Design (Industrial Design)**

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<th>Campus</th>
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<tr>
<td>Duration</td>
<td>Master: Two years</td>
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<tr>
<td>Intake</td>
<td>February and July</td>
</tr>
<tr>
<td>Exit points</td>
<td>Graduation Certificate: Six months</td>
</tr>
<tr>
<td>Grade requirement</td>
<td>Graduation Diploma: One year</td>
</tr>
</tbody>
</table>

**Entry requirements:** Applicants with a four-year bachelor of design degree in industrial design or with significant relevant industry experience may be given exemption for the first year of the Masters program on review of their qualifications, experience and portfolio.

**Course description:** This course will provide you with dynamic national and international career opportunities designing innovative products and services. Issues of demographic and technological change, new materials and manufacturing techniques, social and environmental sustainability, design innovation and entrepreneurial activity are explored with a view to creating product outcomes for the future.

The creative and technological direction of the program is supported by consideration of commercial factors, professional practice, consumer knowledge and design ethics. You are challenged to explore a variety of presentation and communication techniques including digital modelling and model making using a wide range of standard industry software and workshop-based prototyping facilities. Project work emphasises how design products, environments, services and systems reflect user needs and perspectives.

**Career opportunities:** Employment opportunities exist in design consultancies and product design for the manufacturing industries, as well as in furniture, automotive, sporting equipment, medical, exhibition and set design.

**Professional recognition:** If you complete the Masters level, you will be eligible for membership of the Design Institute of Australia (DIA).
### Master of Design (Interior Design)

**Incorporating:**
- Graduate Certificate of Design in Interior Design
- Graduate Diploma of Design (Interior Design)

**Campus:** Prahran  
**Duration:** Master: Two years

**Exit points**  
Graduate Certificate: Six months  
Graduate Diploma: One year

**Entry requirements:** A recognised bachelor degree at a suitably high level in design or a design-related area OR a diploma plus industry experience, and the submission of a portfolio. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

**Course description:** This course allows you to explore design projects in the areas of public environments (government agencies and institutions, theatres, cinemas, sporting venues, interpretation centres), commercial spaces (restaurants, offices, hotels, shopping areas and airports), and domestic interiors and exhibition design (trade shows, events and museum displays). Issues of demographic and technological change, new materials and manufacturing techniques, social and environmental sustainability, design innovation and entrepreneurial activity are explored with a view to creating interior environments for the future. Design projects cover the construction of 3D space, surface treatments, materials, lighting, acoustics, fittings and furniture design. Project work emphasises how interior environments reflect user needs and perspectives.

**Career opportunities:** You may find work in interior and exhibition design consultancies, hotel and retail design, theatre design, museum design, computer-aided design and design management.

**Professional recognition:** If you complete the Masters level, you will be eligible for membership of the Design Institute of Australia (DIA) and the Society of Interior Designers of Australia.

### Master of Design (Multimedia Design)

**Incorporating:**
- Graduate Certificate of Design in Multimedia Design
- Graduate Diploma of Design (Multimedia Design)

**Campus:** Prahran  
**Duration:** Master: Two years

**Exit points**  
Graduate Certificate: Six months  
Graduate Diploma: One year

**Entry requirements:** A recognised bachelor degree at a suitably high level in design or a design-related area OR a diploma plus industry experience, and the submission of a portfolio. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

**Course description:** This course allows you to explore advanced design work in the fields of digital communication design, computer interactive mediums and areas of film and television. Units emphasise the aesthetic and conceptual dynamics of effective communication, creative strategy and aspects of design management, cognitive psychology, social science and design theory. This is a broad ranging program that covers the full spectrum of themes and knowledge for the contemporary multimedia designer, including usability and user-centred design for the screen, motion graphics for broadcast, the principles and processes of design for the Web, animation and title design, 3D modelling, project planning, storyboard techniques, principles of narrative, scriptwriting and character development for digital media and multimedia design for public spaces.

**Career opportunities:** You will gain broad-based knowledge and specialist skills enabling you to work at many levels in design consultancies, information technology companies, media and entertainment studios, advertising agencies, public and private cultural organisations and government agencies.

**Professional recognition:** If you complete the Masters level, you will be eligible for membership of the Australian Graphic Design Association (AGDA), and the Multimedia Industry Network (MMIN) and Associate Membership of the Design Institute of Australia (DIA).

### Master of Design in Product Design Engineering

**Incorporating:**
- Graduate Certificate of Design in Product Design Engineering
- Graduate Diploma of Design in Product Design Engineering

**Campus:** Prahran  
**Duration:** Master: Two years

**Exit points**  
Graduate Certificate: Six months  
Graduate Diploma: One year

**Entry requirements:** A recognised bachelor degree at a suitably high level in mechanical engineering or product design engineering OR a diploma plus industry experience. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

**Course description:** This course gives you the skills to lead engineering and design teams in new product development. Graduates with an engineering qualification interested in the development of innovative, human centred products will appreciate the value of this program. It covers all aspects of design methodology, including conceptual processes, creative tools, management strategies and research skills. Issues of demographic and technological change, new materials and manufacturing techniques, design for micro-technologies, social and environmental sustainability, the impact of information and communications technology on design practice and entrepreneurial activity are explored with a view to creating new products, systems and services for the future. The creative and technological direction of the program is supported by consideration of commercial factors, professional practice and marketing. You will explore a variety of presentation and communication techniques including digital modelling and model making using a wide range of industry standard software and workshop prototyping facilities.

**Career opportunities:** Employment opportunities exist in engineering departments implementing new product development especially within the automotive and associated fields. Also there is strong demand for graduates working in design consultancies, general manufacturing industries, communication, medical and consumer goods manufacturers.

**Professional recognition:** If you complete the Masters level, you will be eligible for membership of the Design Institute of Australia (DIA).

### Professional Doctorate in Design

**Campus:** Prahran  
**Duration:** Three years

**Exit points**  
Graduate Certificate: Six months  
Graduate Diploma: One year

**Entry requirements:** A recognised Masters degree in design or a design-related area, industry experience, and the submission of a portfolio. IELTS 6.5 (Academic Module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

**Course description:** This innovative program in design research meets the professional needs of experienced designers in industry and education for enhanced skills, experience and credentials. Its focus is on the new emerging electronic media and their creative application across the range of design professions. The structure of the course allows you to pursue a research goal appropriate to your discipline in the context of a design project. As a design doctorate, the emphasis is firmly on design, with the new digital technology acting as both a facilitator and a channel for professional development.

**Course structure:** You will undertake Advanced Design Research Methods in the first six months, followed by 30 months of supervised research. Advanced Design Research Methods guides you in the development of an advanced research proposal relevant to your discipline and incorporating new digital technology. It includes a full induction program covering: the rationale and structure of a research project; academic requirements and assessment in doctoral projects; and design research methods. This induction leads to the development of an advanced research proposal, the selection of a supervisor(s) and agreement upon both a design topic and a detailed program of study for the Major Design Research Project. The Project will then represent the investigation and presentation of that topic. Accompanying the Project will be a Project Report that describes the parameters of the investigation.

**Career opportunities:** By allowing you to take charge of your professional development in design, this course opens the path to promotion and higher engagement in design practice, design research or design education.
Industry-focused advanced engineering programs taught by leading professionals

Advanced manufacturing technology
Construction management
Industrial engineering
Microelectronic engineering

Master of Engineering in Advanced Manufacturing Technology

Incorporating:
Graduate Certificate of Engineering in Advanced Manufacturing Technology
Graduate Diploma of Engineering in Advanced Manufacturing Technology

Campus Hawthorn
Duration
Master: One-and-a-half years
Honours: Two years

Exit points
Graduate Certificate: Six months
Graduate Diploma: One year

Intake: February and July

Annual course fee
A$19,250

Entry requirements: A recognised bachelor degree in engineering or science at a suitably high level with an overall average of 60%. Other tertiary qualifications, with relevant industry experience, will also be considered. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

Course description: The objectives of the advanced manufacturing technology program are to provide you with an understanding of specific advanced and emerging manufacturing technologies and skills relating to the implementation of these technologies in modern industry within both global and local contexts. It is expected that graduates will be sufficiently competent to direct the design and implementation of specific technologies and/or processes addressed during the course in the context of a particular organisation.
Career opportunities: You may find employment with companies intending to implement advanced manufacturing technologies that will recognise the competitive advantage of employing a professional engineer with a postgraduate engineering qualification and a comprehensive understanding of the practical applications of such advanced technologies.

Course structure:
Level 1: Graduate Certificate
• Advanced CAD/CAM
• Robotics in Manufacturing
• Technology Management
• Advanced Manufacturing Processes I

Level 2: Graduate Diploma
• Intelligent Inspection Systems
• Computer Modelling, Analysis and Visualisation
• Computer Systems in Manufacturing
• Advanced Manufacturing Process II

Level 3: Master
• Global Manufacturing
• Research Methods
• Masters Project

Honours:
A Master of Engineering in Advanced Manufacturing Technology (Honours) is available. It involves completion of a Masters Thesis. The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

Master of Engineering (Industrial Engineering)

Incorporating:
Graduate Certificate of Engineering (Industrial Engineering)
Graduate Diploma of Engineering (Industrial Engineering)

Career opportunities: You will be able to apply your knowledge in organisations such as banks, hospitals, insurance and airline companies, government, transportation industry, telecommunication and manufacturing companies.

Course structure:
Level 1: Graduate Certificate
• Process Improvement
• Manufacturing Management Systems
• Technology Management
• System Development and Integration

Level 2: Graduate Diploma
• Enterprise Systems Management
• System Modelling
• System Optimisation
• Planning and Scheduling

Level 3: Master
• Design of Physical Facilities
• Soft Computing
• Masters Project

Honours:
A Master of Engineering (Industrial Engineering) (Honours) is available. It involves the completion of a Masters Thesis. The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

Campus Hawthorn
Duration
Master: One-and-a-half years
Honours: Two years

Exit points
Graduate Certificate: Six months
Graduate Diploma: One year

Intake
February and July

Annual course fee $19,250

Entry requirements: A recognised bachelor degree in engineering or science at a suitably high level with an overall average grade of 60%. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

Course description: This program is designed in response to the current need for an engineering approach to solving problems relating to the interplay of people, productivity, information and management. Industrial engineering is concerned with analysis, design, installation, control, evaluation and improvement of integrated systems by using practical approaches in mathematical, physical and social sciences, with principles and methods of engineering analysis and design. It is also concerned with performance standards, research of new products, and ways to improve use of resources. Industrial engineering’s focus on the financial, human, and IT factors in the design and operation of integrated systems involves a thorough understanding of behavioural, social and environmental sciences.

Master of Engineering (Microelectronic Engineering)

Incorporating:
Graduate Certificate of Engineering (Microelectronic Engineering)*
Graduate Diploma of Engineering (Microelectronic Engineering)*

Career opportunities: Most career opportunities will involve work in embedded system design, VLSI design, system on chip, chip design, design of DSP hardware architectures, and telecommunication systems, in a wide range of industries and research organisations.

Course structure:
• HDL and High Level Synthesis
• Integrated Circuit Design Techniques
• Advanced Digital System Design
• Management Elective
• 6 Electives plus a Minor Project OR
• 4 Electives plus a Major Project

* The University hopes to offer these courses in 2007 but must first gain government endorsement. Before applying, contact Swinburne via international@swinburne.edu.au to confirm the course is registered. International student visas cannot be issued without a CRICOS course code.

CHOOSE THE RIGHT UNIVERSITY

The fabulous thing about Swinburne was it taught the students by exposing them to more practical experiences by providing industrial projects which help the students to understand the theory as well its applications and effects.

Want to have a challenging and smashing career? Choose the right university that offers the highly competitive course.

Sastha Muneshwar Vijayan,
Master of Industrial Engineering (Honours) student from India
Master of Technology (Construction Management)

Incorporating:
- Graduate Certificate of Technology (Construction Management)
- Graduate Diploma of Technology (Construction Management)

Campus: Hawthorn

Duration: Master: One-and-a-half years

Exit points:
- Graduate Certificate: Six months
- Graduate Diploma: One year

Intake: February and July

Annual course fee: A$19,250

Entry requirements:
- A recognised bachelor degree in engineering, building or architecture at a suitably high level including an overall average grade of 60%. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.

Course description:
The main aim of this suite of courses is to prepare graduates of proven academic ability for future roles in managing people, equipment, materials, technological processes and funds in the construction, building and maintenance of buildings and assets in the civil infrastructure. The achievement of this aim is facilitated by providing a structured study of advanced management and engineering techniques in the fields of construction, building and maintenance.

Career opportunities:
These courses assist the professional engineer in moving from technical practice to the technical management stream.

Course structure:
Units include:
- Engineering Project Control
- Environmental Sustainability in Construction
- Infrastructure Management
- Project Management
- Project Costing
- Construction Law
- International Construction
- Construction Site Operations
- Advanced Research Project

Electives
- Research Design and Methodology
- New Venture Development and Management
- Financial Risk Management
- Advanced Research Project

Professional recognition:
Completion at Masters level results in associate membership of the Australian Institute of Building.

DEVELOP YOUR SKILLS

Doing research means that you can do novel work whilst being able to pursue the fields that interest you. Having a PhD degree shows people more than just your particular career skills; it is a proof of your personal skills such as being patient, dedicated, innovative and disciplined.

MINH NGOC TRAN
PhD in Networking, Centre for Advanced Internet Architecture
student from Vietnam
Get in touch with industry: our information technology and computing programs are professionally recognised by the Australian Computer Society and externally reviewed, to ensure they cover new technologies and the demands of an evolving industry.

Computing
Information systems management
Information technology
Network design and security
Network systems

Master of Information Systems Management/Master of Accounting*

Campus Hawthorn
Duration 2.5 years (including a compulsory summer teaching period)
Intake February and July
Total Course Fee A$46,650

Entry requirements: A recognised bachelor degree at a suitably high level and at least two years relevant business experience. IELTS 6.5 (Academic module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

Course description: This double degree provides advanced skills and knowledge across the complex areas of both accounting and information systems through a program that satisfies the individual requirements of each degree.

The program places emphasis on critical thinking in relation to accounting and finance issues within a business IS environment and ensures that graduates understand how to use financial and other resources to their best advantage, particularly in the context of making informed decisions about IS investments.

On completion you will be awarded both the Master of Information Systems Management (MISM) and the Master of Accounting (MAcc).

Career opportunities: This course provides a distinctive mix of skills for career development into management, finance, information systems management and accounting.

Course units include:
- Accounting Principles
- IS Management
- Accounting IS
- Corporate Financial Management
- Financial Reporting
- IS Governance
- Managerial Accounting
- Financial Accounting Theory
- Economics
- Australian Company Law
- Business Modelling & Analysis

Professional recognition: The MISM is accredited at Professional Level (the highest level) with the Australian Computer Society. The MAcc will provide associate level membership with CPA Australia.

* The University hopes to offer this course in 2007 but must first gain government endorsement. Before applying, contact Swinburne via international@swinburne.edu.au to confirm the course is registered.

International student visas cannot be issued without a CRICOS course code.
<table>
<thead>
<tr>
<th>Master of Information Systems Management/Master of Business Administration*</th>
<th>Master of Information Technology (MIT)</th>
<th>Master of Science (Network Systems)</th>
<th>Master of Technology (Information Technology)</th>
</tr>
</thead>
</table>
| **Incorporating:** Graduate Diploma of Information Technology | **Campus Hawthorn**
**Duration** Two years (including a compulsory summer teaching period)
**Intake** February and July
**Total course fee** A$45,550 | **Campus Hawthorn**
**Duration** Two years
**Students with a recognised bachelor degree or graduate diploma in computer science, information systems or information technology can complete the course within one to two years, depending on the number of exemptions they receive. Students with a recognised degree in a non-IT discipline will study a two-year program.**
**Exit points**
Graduate Diploma: One year (only available if commencing with a non-IT degree)
**Intake February, July and October**
**Annual course fee** A$18,250 or A$13,700 if 50 credit points of exemptions are granted, see course table on page 19 for details.
**Entry requirements:** A recognised bachelor degree at a suitably high level. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.
**Course description:** The program provides the foundations for career development into general management or senior information systems management roles.
**Course units include:**
- Business Analysis
- Organisation Dynamics
- IT: A Critical Review
- Financial Data and Decision Making
- Leading, Following and Team Dynamics
- Finance for High-Growth Businesses
- Information Systems Management
- Systems Project Management
- Electronic Commerce Management
- Information Technology Effectiveness
- Current Issues in Information Systems
- Innovative Leadership
- Product and Market Strategy
- Opportunity Evaluation
- Business Strategy
- Corporate Strategy
**Professional recognition:** The MISM is accredited at Professional Level (the highest level) with the Australian Computer Society. The Swinburne MBA was awarded five stars by the Graduate Management Association of Australia for 2002/2003 and 2003/2004. *The MBA is under review for 2007. See page 25 for details.*

| **Campus Hawthorn**
**Duration** Two years
**Entry requirements:** A recognised bachelor degree at a suitably high level, in engineering, science or information technology. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.
**Course description:** The MIT program provides a broad range of specialised studies and is targeted towards IT specialists or recent graduates wishing to optimise their career path. You may choose a general program of study or undertake a specialisation preparing you for focused career opportunities.
**Specialisation programs available are:**
- Reliable Software Systems
- Enterprise and Systems Architecture
- Information Systems
- Network Design and Security
**Career opportunities:** This course addresses the issues and technologies that are being widely adopted in industry. Graduates will find employment in senior IT and network positions.
**Course units include:**
- Internet Computing
- Advanced Java and J2EE
- Reliable Software Systems
- Enterprise and Systems Architecture
- eCommerce Systems
- Network Design and Security
- Information Systems Management
- Human-Computer Interaction
- NET Technology
- Computer Networks
- Object-Oriented Software Development
- Service Oriented Computing
**Professional recognition:** This course is accredited at Professional Level (the highest level) with the Australian Computer Society (ACS). *October intake is only available to students who gain 50 credit points of exemptions, see course table on page 19 for details.*

| **Campus Hawthorn**
**Duration** Two years
**Entry requirements:** A recognised bachelor degree at a suitably high level, in a non-IT discipline. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.
**Course description:** The program is aimed at those students wishing to become professional network specialists. It is designed to cover all aspects of wired or wireless networks and for graduates to be proficient in new kinds of networking technology based on IP networks and multimedia applications. A Graduate Diploma of Science (Network Systems) is available as an exit point from this course, after the completion of 100 credit points.
**Career opportunities:** Industry certified skills are highly valued, and there is a need for professionals with a solid understanding of the design, management and maintenance of modern networks.
**Course units include:**
- Networks and Routing
- Internetworking Technologies
- Network Administration
- Enterprise Networking
- Internetwork Routing
- Network Computing
- Networked Applications
- Simulation of Networks
- Mobile and Personal Networking
- Design and Management of Networks
- Real Time Operating Systems
- Remote Access Networks
- Research Project/Major Thesis
**Professional recognition:** The CDNA, CCNP and MCSE certifications are widely recognised and valued in industry. This course fully prepares students for the CCNA certification exam and partly for MCSE and CCNP.

| **Campus Hawthorn**
**Duration** Two years
**Entry requirements:** A recognised bachelor degree at a suitably high level, in a non-IT discipline. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.
**Course description:** This course is aimed at those students wishing to become professional network specialists. It is designed to cover all aspects of wired or wireless networks and for graduates to be proficient in new kinds of networking technology based on IP networks and multimedia applications. A Graduate Diploma of Science (Network Systems) is available as an exit point from this course, after the completion of 100 credit points.
**Career opportunities:** Industry certified skills are highly valued, and there is a need for professionals with a solid understanding of the design, management and maintenance of modern networks.
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- Design and Management of Networks
- Real Time Operating Systems
- Remote Access Networks
- Research Project/Major Thesis
**Professional recognition:** The CDNA, CCNP and MCSE certifications are widely recognised and valued in industry. This course fully prepares students for the CCNA certification exam and partly for MCSE and CCNP.

| **Campus Hawthorn**
**Duration** Two years
**Entry requirements:** A recognised bachelor degree at a suitably high level, in engineering, science or information technology. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details.
**Course description:** The program provides a broad range of specialised studies and is targeted towards IT specialists or recent graduates wishing to optimise their career path. You may choose a general program of study or undertake a specialisation preparing you for focused career opportunities.
**Specialisation programs available are:**
- Reliable Software Systems
- Enterprise and Systems Architecture
- Information Systems
- Network Design and Security
**Career opportunities:** This course addresses the issues and technologies that are being widely adopted in industry. Graduates will find employment in senior IT and network positions.
**Course units include:**
- Internet Computing
- Advanced Java and J2EE
- Reliable Software Systems
- Enterprise and Systems Architecture
- eCommerce Systems
- Network Design and Security
- Information Systems Management
- Human-Computer Interaction
- NET Technology
- Computer Networks
- Object-Oriented Software Development
- Service Oriented Computing
**Professional recognition:** This course is accredited at Professional Level (the highest level) with the Australian Computer Society (ACS). *October intake is only available to students who gain 50 credit points of exemptions, see course table on page 19 for details.*
Swinburne is a national leader in multimedia education in Australia. Our cutting-edge courses offer a comprehensive and interdisciplinary approach.

Multimedia Technology

The first uni in Victoria to offer technically-oriented multimedia courses

www.international.swinburne.edu
### Multimedia Project Units
- Multimedia Project Design and Development

### Co-elective Units
A range of elective units from the fields of IT, Design, Media, Social Science and Business.

### Honours:
You have the option to undertake a Master of Multimedia (Honours) given high academic achievement and research interest after the first year of the Master of Multimedia. An alternative two-year pathway is the Master of Multimedia Technology (see far right).

The Master of Multimedia (Honours) extends the basic program to two years and offers you an opportunity to undertake multimedia research and development projects, and assists the identification, encouragement and support of prospective research candidates, with the potential for development of a pathway to further research studies in multimedia.

The Honours award will be subject to students attaining a 70% average over the final 100 credit points undertaken, or 75% over the final 50 credit points.

### Course Structure:
- Multimedia Project Management
- Multimedia Imaging
- Multimedia Authoring
- Internet and WWW 1
- Multimedia Development
- User Experience Design
- Multimedia Project

PLUS two of:
- Internet and WWW 2
- 3D Modelling and Animation
- Digital Video and Audio
- Approved Elective

PLUS two approved electives

*Fees for Sarawak campus are for 2006. Contact Sarawak for 2007 fees: info@sarawak.edu.my

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**“**

The Master of Multimedia course gives me all the answers that I asked for. It is just what I need for my future career and I have learnt so much from it.

If you are looking for a university to study at, my recommendation is Swinburne. You will never know the word “disappointed” and you are going to love this. Seriously!

**PATTARAPORN KUMTHANOM**  
Master of Multimedia student from Thailand
‘Get real’ with our courses in science, technology and the environment. Our flexible approach to learning, strong industry connections and excellent teaching will ensure that you’re ready for the challenges of the scientific world.

Applied statistics
Biotechnology
Good manufacturing practices

Master of Science in Biotechnology

Incorporating:
Graduate Diploma of Science in Biotechnology

Campus Hawthorn
Duration Master: 2 years
Exit points
Graduate Diploma: One year.
Intake February and July
Annual course fee A$17,250

Entry requirements: A three year recognised Bachelor of Science degree at a suitably high level in a biological or chemical science (e.g., biology, botany, zoology, agriculture, forestry, health sciences, veterinary science, chemistry) with an average grade of 60% over the three years. IELTS 6.0 (Academic module) with no individual band score less than 5.5, or equivalent: see page 19 for details. Students whose grade average is less than 60% throughout their degree may be eligible for entry to the Graduate Diploma, from which they may articulate into the Master.

Course description: In the Graduate Diploma you should gain an understanding of the fundamental principles of biotechnology, including molecular biology, bioinformatics, medical, industrial, forensic and agricultural biotechnology, and the diverse applications of these areas; while the Master course aims to provide in-depth studies in these areas. The courses are structured to provide flexible options that allow you to undertake studies to your desired level and focus on your field of interest, by choosing appropriate exit points, elective units and research project topics where applicable.

Career opportunities: Graduates at the Master level: medical laboratory scientists, scientific officers or research and development scientists in diverse fields including, biochemistry, microbiology, molecular biology, diagnostic services and pathology services, pharmaceutical industries, forensic science laboratories, veterinary science, racing industry.

continues overleaf
agribusinesses, wine industry and breweries, biotechnology businesses, food technologists, quality assurance officers, occupational health and safety officers, scientific sales representatives/executives, associates to patent attorneys, science publishers, newspaper writers in this field, also PhD students in the above fields.

Professional recognition: Graduates at Masters level will be eligible to apply for membership of professional bodies such as: AusBiotech Ltd, Genetics Society of Australia (GSA), Australian Society of Biochemistry and Molecular Biology (ASMB), Australian Society for Microbiology (ASM) and The Royal Australian Chemical Institute (RACI).

Course structure:
Level 1: Graduate Diploma
• Concepts of Biotechnology
• The Microbial World
• Experimental Biotechnology
• Biotechnology of Genes and Proteins
• Genome: Biotechnology and Society
• Minor Research Project
Plus 2 electives
Level 2: Master
• Advanced Biochemistry
• Advanced Topics in Biotechnology
• Major Research Project (25 credit points)
Plus 4 electives
Electives
• Biotechnology
• Environmental Biotechnology
• Forensic and Analytical Science
• Research Skills
• Microbes in the Environment
• Statistics and Research Methods A
• Critical Thinking
• International Good Manufacturing Practices (GMP) and Quality Assurance
• Good Manufacturing Practices (GMP) for Manufacturing Operations
• Good Laboratory Practices (for Non-Clinical Laboratories)
• Process Development for Protein Therapeutics
• Pharmaceutical Engineering: Facility, Equipment and Process Design
Electives are to be approved by the Program Coordinator, depending on your previous education, to accommodate appropriate level of study. The Program Panel has the authority to approve additional elective studies for particular students.

Master of Science (Good Manufacturing Practices) Incorporating:
Graduate Certificate of Science (Good Manufacturing Practices)
Graduate Diploma of Science (Good Manufacturing Practices)

Campus: Hawthorn
Duration: Masters: One-and-a-half years
Exit points
Graduate Certificate: Six months
Graduate Diploma: One year
Intake: February and July
Annual course fee: $18,250

Entry requirements: Masters: a recognised honours degree at a suitably high level in science or engineering. Graduate Diploma: a first degree, or an advanced diploma with industry experience. Graduate Certificate: students may be accepted on the basis of extensive work experience. In all cases, IELTS 6.5 (Academic module) with no individual band score less than 6.0, or equivalent: see page 19 for details.

Course description: This suite of courses is designed to provide you with the necessary skills in quality assurance and compliance to enable safe and efficacious manufacturing practices in the area of pharmaceuticals, biotechnology, biomedical devices and more.

Career opportunities: Typically, students of this course will be operators, managers, supervisors in pharmaceutical or similar companies with a need to understand compliance and quality assurance. Those without previous GMP experience will also benefit from the course and will enhance their employability in the pharmaceutical, biotechnology and biomedical fields.

Course structure:
Graduate Certificate: 3 Group A units, 1 elective
Graduate Diploma: 5 Group A units, 1 Group B unit, 1 Group C unit, 1 elective
Masters (option 1): 5 Group A units, 1 Group B unit, 2 Group C units, 4 electives
Masters (option 2): 1 Minor Thesis, 5 Group A units, 1 Group B unit, 1 Group C unit, 1 elective

Group A units:
• International GMPs and Quality Assurance
• GMP for Manufacturing Operations
• Validation Principles
• Good Quality Control Laboratory Practices
• Contamination Control

Group B units:
• Process Development for Therapeutics (x 4 units)

Group C units:
Electives relevant to QA and GMP

Electives relevant to your specific interests

CHALLENGE, EXPECTATION, EXCITEMENT...

I always liked the idea of working on a research project. It is all about the challenge, expectation, excitement and sometimes disappointment, but it is all part of the fun.

This course gives me the opportunity to spend a lot of time in the laboratory, and at Swinburne that is exciting because all the facilities at the University are extremely well equipped with some brand new and expensive equipment, thus allowing everybody who is part of Swinburne to enjoy every minute of the working process.

NATASHA MITIK-DINEVA
PhD in Microbiology student from Macedonia
Now it’s time to apply. You’ve chosen the right course to launch a successful career. You’re ready to take the next step.

How to apply:
Follow these steps carefully to ensure your application is processed properly.

1. **CHOOSE THE COURSE THAT SUITS YOUR INTERESTS AND CAREER GOALS**
   - See page 18 for the Postgraduate Coursework Programs

2. **COMPLETE THE APPLICATION FORM**
   - The application form is located at the back of this course guide.
   - If you are applying for Credit, you must complete the Credit Transfer section on the form.

3. **ATTACH THE RELEVANT DOCUMENTS TO YOUR APPLICATION FORM, INCLUDING:**
   - Certified copies of all your academic transcripts (with grading system) and testamurs. If your documentation is in a language other than English, an official certified translation must be provided.
   - Details of work experience, if applicable.
   - Certified copies of English proficiency test results (IELTS test score or equivalent), if applicable.
   - Students applying for some design programs must submit a portfolio. If a portfolio is required, this is specified in the individual course entry. For submission guidelines, refer to page 30.
   - Course or unit syllabus, if you are applying for Credit.

4. **READ THE INTERNATIONAL STUDENT ENROLMENT AND TUITION FEE POLICY**
   - Available at www.international.swinburne.edu/feepolicy

5. **MAIL THE COMPLETED APPLICATION FORM ALONG WITH THE REQUIRED DOCUMENTS TO YOUR REGISTERED SWINBURNE REPRESENTATIVE, OR:**
   - Swinburne International
   - PO Box 218
   - Hawthorn VICTORIA 3122
   - Australia

6. **RECEIVE YOUR OFFER**
   - Swinburne will assess your application. If you are successful you will receive a formal offer, via email.
   - If you need assistance with your application you can email our application advisor on: international@swinburne.edu.au
   - Alternatively, you can visit a registered Swinburne representative in your home country. For a list visit: www.international.swinburne.edu/contact/representatives

**APPLYING FOR CREDIT**

**What is Credit?**
Credit is the granting of recognition for previous study and/or experience, in the form of exemption from certain course/program requirements. This term tends to be used interchangeably in Australian universities with the terms Recognition of Prior Learning (RPL), advanced standing and/or status.

**How to apply**
Submit a course or unit (subject) syllabus with your application for admission. Your application will be assessed, and if successful, you will receive advice in your letter of offer. If the Credit is conditional, you must provide evidence that you have satisfactorily met the condition/s prior to or at the time of accepting your offer. The course duration shown in your letter of offer will reflect the amount of Credit granted.

If you do not request assessment of Credit when you submit your application, you must normally request assessment within two weeks of commencing the course. Applications made after this time may not be approved. All applications must be approved by your faculty or school.

If you are granted Credit after your visa is granted, DIMA must be notified of any resulting change in course duration.

**DID YOU KNOW?**
Swinburne emails offers. Please provide your email address on the Application form.
ACCEPTING YOUR OFFER
If your application is successful, you will be made an offer. 
The offer will indicate:
- The course you have been offered
- The annual tuition fee payable
- The course commencement date
- The deposit to be paid
- The amount of Overseas Student Health Cover (OSHC) payable
- Any conditions attached to the offer
- Any additional information relevant to your course

Your offer will provide you with a step-by-step guide to accepting your offer for study at Swinburne. You can take a look at this now at: www.international.swinburne.edu/accept

APPLYING FOR YOUR STUDENT VISA
If this is your first application for a student visa and you are from an Assessment Level One or Two country, Swinburne International (SI) will send you your electronic Confirmation of Enrolment (eCoE) upon receipt of your course acceptance.

If this is your first application for a student visa and you are from an Assessment Level Three, Four or Five country, you must provide a favourable Pre-Visa Assessment (PVA) letter before SI can issue your eCoE.

If you are offered two or more courses at Swinburne, and eCoE will be generated for each offer you accept. All eCoE must be provided to the Department of Immigration Multicultural Affairs (DIMA) or the Australian Diplomatic Mission where you apply for your student visa.

Students from some countries may be eligible to apply for an e-visa. Check the DIMA website for details and to confirm your Assessment Level.

If you hold a current student visa, Swinburne International (SI) will send you your eCoE upon receipt of your course acceptance.

Please note that your visa will be issued for the particular course/s that you have accepted. If you change your course you must inform DIMA. This is done by obtaining a new eCoE from SI.

English requirements
Students from Assessment Level (AL) Three, Four or Five countries will be required to take an IELTS test, regardless of whether they meet the Swinburne requirements by other means. Refer to the DIMA website to determine which assessment level your visa falls under.

Students under 18
If you are under the age of 18, your parents must nominate a guardian who resides in Australia for you before DIMA will consider your student visa application. DIMA requires your guardian to be over 21 years old, related to you and of good character. If you do not have a relative in Australia, your parents will need to engage the services of a Swinburne approved care provider agency before Swinburne will issue a eCoE and the Confirmation of Appropriate Accommodation/ Welfare (CAAW) form.

Swinburne recommends the following care provider agencies:
EduCARE Service Australia
www.educareservicesaustralia.com.au

A&J Student Care Services
www.guardians4student.com.au

Students with families
If you plan to bring your family to Australia, please check beforehand with DIMA or the nearest Australian Diplomatic Mission regarding the restrictions on doing so. If you are in AL3 to AL5 and your course duration is less than 12 months, your family will not be allowed to accompany you to Melbourne. You will also need to provide proof of Overseas Student Health Cover (OSHC) membership for your family.

If you have children between 5 and 15 years old, and are bringing them to Australia, you must enrol them in school. Full fees are payable at both government and non-government schools. However, dependants of Swinburne’s postgraduate research students will receive full exemption from tuition fees in Victorian government primary and secondary schools.

For a complete listing of Victorian primary and secondary schools: www.eduweb.vic.gov.au/SchoolsOnline

Costs, application and enrolment information for government, primary and secondary schools may be found at:
www.study.vic.gov.au

Applications to non-government schools must be made directly to the school of your choice.

Please note that your student visa assessment criteria may change if your family is accompanying you.

OVERSEAS STUDENT HEALTH COVER (OSHC)
It is compulsory for all student visa holders, and their dependants, to maintain OSHC throughout their course of study.

The Australian Department of Health and Aged Care has advised that the following students do not need OSHC:
Norwegian students insured under the Norwegian National Insurance Scheme (NIS), and
Swedish students with health insurance provided by CSN International (the Swedish National Board of Student Aid).

If you have one of these types of insurance, please include evidence with your application. It is a condition of your student visa that you maintain current OSHC for the duration of your visa. If you need to extend your OSHC (eg. you fail some units and need to extend your time here), it is your responsibility to do this directly with the OSHC Provider.

We will arrange your OSHC membership with our preferred provider and will include the OSHC payment in your initial deposit indicated in your letter of offer, which you pay when you accept your offer.

We strongly recommend that you purchase Program Length Cover. This is a once only payment which provides rate protection for the duration of the cover. This means that even if OSHC premiums increase during the time of your Program Length Cover, you do not have to pay any increase. If you wish to choose this option, Swinburne International can calculate your Program Length Cover premium.

For further information, see: www.international.swinburne.edu/arrival/health
Swinburne University of Technology
International student
Postgraduate coursework
application form

If you are a permanent resident, or citizen of Australia or New Zealand you cannot apply using this form.

SECTION A: PERSONAL DETAILS

If previously enrolled at Swinburne University of Technology, please state ID number ________ (Swinburne ID number)

PRINT YOUR NAME AS IT APPEARS IN YOUR PASSPORT. Please use BLOCK CAPITALS. All fields must be completed

Title: ___________________________ (Mrs, Miss, Ms, Mr etc)  Gender: □ Female □ Male

Family name: ___________________________________________________________ (as indicated in passport)

Given names: ___________________________________________________________ (leave spaces between names)

Date of birth: ______/____/____  Email address: ________________________________

Postal address: ____________________________________________________________

Residential address: ________________________________________________________

Country of citizenship: _____________________________________________ Submission location: (What country were you in when you submitted this application?)

Country of birth: _____________________________  Do you hold a valid Australian visa? □ Yes □ No

If yes, type of visa: _____________________________  Visa expiry date: ______/____/____

Telephone: _____________________________ Fax: _____________________________ Mobile: _____________________________

Do you have disability? □ Yes □ No  If yes, please provide details: _____________________________

Note: this is for support purposes only and will not affect the outcome of your application.

Have you been granted a scholarship? □ Yes □ No  Scholarship name: _____________________________

SECTION B: COURSE PREFERENCES

<table>
<thead>
<tr>
<th>Course preference</th>
<th>Campus</th>
<th>Intake</th>
<th>Year</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>
Have you taken an English proficiency test within the last 12 months?  

- [ ] Yes  
- [ ] No  
Date of test:  

- [ ] Day  
- [ ] Month  
- [ ] Year  

Test type:  

(eg. IELTS)  
Result:  

(eg. IELTS)  

If yes, please submit a certified copy of your results as soon as available.  
Do you intend to undertake English language studies (ELICOS) at Swinburne?  

- [ ] Yes  
- [ ] No  
(see page 15 for details)  
If yes, approximate start date:  

- [ ] Day  
- [ ] Month  
- [ ] Year  

Number of ELICOS weeks:  

- [ ] 5  
- [ ] 10  
- [ ] 15  
- [ ] 20  
- [ ] 25  
- [ ] 30  
- [ ] 40  
- [ ] Other?  
Specify duration and intake  

SECTION C: EDUCATION DETAILS  
A certified copy or original transcripts of all official results must accompany this application. Please include the grading system to enable interpretation of academic results. List any studies you have attempted, whether complete or incomplete.  
Secondary school studies  

<table>
<thead>
<tr>
<th>Name of school</th>
<th>Name of qualification</th>
<th>Year completed</th>
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Tertiary or post-secondary studies  

<table>
<thead>
<tr>
<th>Month/year commenced</th>
<th>Month/year completed</th>
<th>Title of course (eg. Bachelor of Business)</th>
<th>Name of institution</th>
<th>Full-time or part-time</th>
<th>Course completed? Yes/No</th>
<th>Expected date of completion</th>
</tr>
</thead>
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</table>

Are you applying for Credit Transfer or Recognition of Prior Learning (RPL)?  

- [ ] Yes  
- [ ] No  
If yes, you must attach a detailed course or unit (subject) syllabus.  

SECTION D: EMPLOYMENT DETAILS  
Complete the following employment history and provide employment references or attach your curriculum vitae (resumé). Write NIL if no employment history.  

<table>
<thead>
<tr>
<th>Period</th>
<th>Employer</th>
<th>Department/section</th>
<th>Nature of work</th>
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</thead>
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</table>

SECTION E: CHECKLIST AND DECLARATION  
Make sure the following are attached:  

- [ ] Certified academic transcripts with grading system  
- [ ] Curriculum vitae, if applicable  
- [ ] Course or unit syllabus, if you are applying for Credit Transfer or RPL  
- [ ] Certified English proficiency test results (if applicable)  
- [ ] Design folio, if applicable – see page 30 for details  

Applicant’s declaration  

1. I declare that the information submitted with this application is true and complete. I further declare that any tertiary academic results submitted are a complete record of all results I have obtained from every tertiary institution I have attended.  
2. I acknowledge that failure to disclose my academic record may result in the University revoking an offer or terminating my studies at any stage.  
3. I authorise the University to seek verification of my academic and professional qualifications, and work experience. I understand that the University reserves the right to inform other tertiary institutions and regulatory agencies if any of the material presented to support my application is found to be false.  
4. I understand that at the time of enrolment I will be required to supply originals of all documents used to support this application.  
5. I acknowledge that the University reserves the right to alter any course, subject, admission requirement or fee without prior notice.  
6. I understand that the personal information I have provided may be released to government agencies as required by law. I further understand that it may be disclosed to third parties for the purpose of progressing my application.  

Signature of applicant:  

Date:  

SEND APPLICATION TO:  
Swinburne University of Technology  
PO Box 218  
Hawthorn VIC 3122 Australia  

Swinburne International  
Tel: +61 3 8676 7002  
Fax: +61 3 9818 3648  
Email: international@swinburne.edu.au  

CRICOS Provider Code: 00111D
Arvo n. afternoon
Aussie adj. n. Australian
Barbie n. barbecue
Blue n. a fight or a mistake
Blue Heeler n. a type of Australian cattle dog
Bonza adj. good
Bring a plate n. bring a plate of food – you might see this on a party invitation
Bung adj. broken
Bung verb put, eg: “Bung the chook in the oven for half an hour”
Bunyip n. a mythical creature which is said to live in billabongs
BYO abbr. bring your own (food or drinks). You might see this on a party invitation. Ask your host what to bring.
Chook n. chicken
Dink verb to give someone a ride on your bike
Dinki-di n. genuine
Divvy van n. police van
Dunny n. an outdoor toilet
Docket n. receipt
Esky n. cooler
Fair dinkum adj. see dinki-di. Also used as an expression of astonishment.
G’day expr. hello
Hooroo expr. goodbye
No worries expr. a very common expression which can mean “Don’t worry about it”, “You’re welcome” etc.
Postie n. postman, mailman (or woman)
Servo n. service station (petrol/gas station)
Sickie n. to take a sickie – to take a day off work when not actually unwell
She’ll be right, mate expr. “Don’t worry, it will be all right.”
Snag n. sausage
Spag bol n. spaghetti bolognese
Spud n. potato
Stubbies n. men’s work shorts
Ta expr. thank you
Thongs n. flip-flops, a type of sandal
Tim Tam n. our favourite chocolate biscuit
Tim Tam slam n. Bite opposite corners off a Tim Tam and suck hot coffee through it. Then quickly eat the biscuit before it dissolves.
True blue adj. truly Australian
Uni n. university. Also, uni student
Veggies n. vegetables
Yakka n. work, as in ‘hard yakka’ – hard work. Hard Yakka is also a brand of clothing.
Your blood’s worth bottling expr. You’re wonderful!

CREATE YOUR OWN AUSSIE NICKNAME
Shorten your name and add -z or –zza to the end: Gary=Gazza, Warren=Wozza/Woz, Sharon=Shazza/Shaz, Caroline=Caz, etc

SEIZE THE OPPORTUNITIES
Utilise the facilities provided by the University during study and get involved in the extra curricular activities and various clubs to get better exposure… it’s like an ocean: swim as far as you can and explore!

Prashaunth Jagannathan
Master of Engineering (Advanced Manufacturing Technology) student from India