Undergraduate
Course Guide 2013

This guide could change your life
Monash sits in the top of world universities

Times Higher Education World University Rankings, 2011
Monash University was established in 1958 and in little more than 50 years has earned an international reputation for research and teaching excellence.

In the past 10 years we have built on our ambitions to become the largest university in Australia and have extended our reach across the globe. We have an international network of more than 250,000 graduates and have built campuses and centres in Malaysia, India and South Africa. We are the only Australian university active on four continents.

It says something about our ambition, that for a relatively young university, Monash ranks above world standards in almost all disciplines.

The Good Universities Guide, Australia’s most authoritative independent university ratings publication, has rated Monash highly in the categories that matter:

- Student demand (2012)
- Research grants (2012)
- Cultural diversity (2012)
- Student-staff ratio (2012)
- Getting a full-time job (2012)

Monash is ranked at 60 in the world (the QS World University Rankings 2011):

**Discipline ranking**
- Top 50 in Art & Humanities
- Top 50 in Life Sciences & Medicine
- Top 50 in Social Sciences & Medicine
- Top 60 in Engineering & Technology

**Subject ranking**
- Top 20 in Law
- Top 100 in Computer Science & Information Systems
- Top 200 in Chemical Engineering
- Top 200 in Mechanical, Aeronautical & Manufacturing
- Top 200 in Mathematics
- Top 200 in Metallurgy & Materials
- Top 200 in Chemistry
- Top 200 in Geography & Area Studies
- Top 200 in Finance

Monash is a member of the Group of Eight, an alliance of leading Australian universities recognised for their excellence in teaching and research. Group of Eight universities produce graduates who find full-time employment sooner, begin on higher salaries, and are more likely to move onto postgraduate studies than graduates from other Australian universities.

Monash University is the only Australian member of the prestigious M8 Alliance of Academic Health Centres and Medical Universities. This global grouping includes Johns Hopkins University, the Sorbonne in Paris, Imperial College London and the Charite in Berlin.
How to use this guide

This guide provides you with an overview of the University's courses, as well as information about life on campus, flexible study options, accommodation choices, and more. You should also explore the Monash website for more detailed and updated information about courses and study opportunities listed in this guide.

This guide makes use of QR codes to offer extended information on our course offerings and other topics. Scanning these codes with your mobile device will direct you straight to the relevant webpage. Some devices require you to download a QR reader before you can scan these codes.

The Monash online Course Finder lists courses available for study in 2012. New courses commencing in 2013 will be listed from July 2012.

Monash online
Homepage
www.monash.edu
Course Finder
www.monash.edu/coursefinder
International students
www.monash.edu/study/international
Scholarships
www.monash.edu/scholarships
Off-campus learning
www.monash.edu/offcampus
Monash on YouTube
www.youtube.com/monashunivideo

One degree can make a world of difference
can make a world of difference
to your Life
Your career
Our degrees are globally recognised, giving our graduates an extra edge – helping them thrive in the international job market.

Monash University is regarded as the best university in Australia by global CEOs and chairmen when recruiting graduates. (The New York Times, October 2011).

Many Monash courses – including engineering, law, business, commerce, pharmacy, journalism and science – offer internships and work placements connecting students to industry. These programs help students define their career goals and expose them to industry first-hand. The placements also enable students to gain credit towards their degree.

Your experience of the world
We believe every student is an international student. Today’s graduates will compete with the rest of the world for jobs. Monash courses ensure they are exposed to a global perspective from day one.

We encourage students to build international experiences to complement their study through exchange programs, intercampus exchanges to our Malaysian and South African campuses, study tours, international internships and in-country programs. We have more than 115 exchange partner universities in 25 countries and have campuses and centres in Malaysia, India and South Africa.

In 2012, we partnered with the University of Warwick (UK) to form a unique global alliance. This partnership will raise our international profile and provide unparalleled access to new opportunities and benefits to our students.

We are also negotiating a joint venture for research and graduate studies in China. Our global network is one reason many foreign governments and scholarship providers choose Monash University as the destination for their best and brightest.

Your development
It’s all about choice. You choose the type of skills you want to develop, you choose when you are ready to specialise, and you choose what sort of experiences you want to have and when you want to have them. At Monash, you take classes relevant to your chosen career from your first weeks on campus. This approach is adopted across the University – in law, medicine, science, architecture, education, nursing and engineering – and helps you develop a deeper understanding of your chosen profession sooner. It also means you begin working towards your career from day one.

Monash University’s global reputation attracts students from around the world and once you graduate you’ll be part of an international network of more than 250,000 alumni.
Working towards a cleaner environment
Mai Bui, (BBiomedSci/BE 2011), was part of a unique project to remove carbon dioxide from exhaust gas at a brown coal power plant. The project has the potential to create a carbon neutral power generation scheme.

Stopping the spread of disease
A team from the Faculty of Science – funded through the Bill and Melinda Gates Foundation – is leading a project that developed a way to stop the spread of Dengue fever by making mosquitoes immune to the disease.

Reducing poverty
Hugh Evans (BSc 2008, LLB (Hons) 2008), CEO of The Global Poverty Project, is working to help achieve the United Nations’ Millennium Development Goals to end extreme poverty by 2015.

In 2002 Mr Evans founded the Oaktree Foundation, Australia’s first youth-run aid organisation with a mission to empower young people in the developing world through education. Hugh was the 2004 Young Australian of the Year.

Working for justice
The Reprieve Australia Internship program allows Monash law students to spend time in the United States working with prisoners on death row. The program places interns in capital defence and associated offices in the southern United States for periods of three months or more at a time. Past students have interned in Louisiana, Texas, Georgia and Mississippi.
Improving the value of donor dollars
Working with the World Health Organisation (WHO), Doctor Paul Raschky of the Faculty of Business and Economics is conducting research into the impact of donor dollars and the distribution of disaster relief funds.

Helping the disadvantaged
Design graduate Mandy Lau has developed a playset to help blind children in developing countries learn Braille. The program has attracted interest from UNESCO and could have a huge impact in developing countries.

Helping people to understand
Doctor Paul Biegler of the Faculty of Arts won the Eureka Prize for Ethics for 2011 for his work on the ethical treatment of depression – he argues doctors have a moral obligation to prescribe cognitive behaviour therapy.

Professors Alan Trounson and Carl Wood of the Monash Institute of Reproduction and Development (MIRD) achieved Australia’s first successful IVF birth in 1980. Twelve of the first 15 IVF babies in the world are Monash babies.
Sir John Monash
Engineer, military leader and public administrator.

Peter Costello AM
(LLB (Hons) 1980, BA 1982)

Helen Silver
(BEc(Hons) 1980, MEc 1988)
Secretary of the Victorian Department of Premier and Cabinet in 2008. She leads the Department, and the Victorian Public Service more generally, in advising and serving the Premier and Government of Victoria.

Bernard Salt
(MA 1985)
Widely regarded as one of Australia’s best communicators, Bernard is a KPMG Partner based in Melbourne who has established an international reputation as a trend forecaster for business and government.

Lead your country
CEO of Australia’s largest aid and development organisation, World Vision.

Professor Tim Flannery (MSc 1981)
Prominent environmental scientist and 2007 Australian of the Year.

Dr Susan Lim (MBBS(Hons) 1979)
Dr Lim established her reputation as a surgeon in 1990 after performing Singapore’s first successful liver transplant. She is a pioneer in adult stem cell research and Robotic General Surgery. She also sits on the Global Advisory Council of the International Society for Stem Cell Research.

The Honourable Chief Justice Marilyn Warren AC
Chief Justice of the Supreme Court of Victoria, Marilyn Warren is the first woman to be appointed to this office in an Australian Supreme Court.
Arts graduate Stefanie Perri is the Mayor of the City of Monash. Prior to this she was an advisor for the State Member for Oakleigh and also worked at the Victorian Local Governance Association.

Through the Elwyn Morey Centre and the Krongold Centre, Monash is leading the way in providing community services, particularly to children with gifted abilities and special needs. Services in counselling and education are also provided to adolescents, adults and families.

Monash Oakleigh Legal Service – staffed by Monash law students – provides high-quality legal advice to people who are unable to afford it.

Monash has developed a vibrant partnership with Oxfam Australia giving students an opportunity to learn through volunteering in Australia and via the South Africa Summer Placement program.
Feed the homeless: Medical students from the Monash Sunway campus run a soup kitchen for the homeless once a month.

Monash South Africa School of Information Technology is working on a solution to increase internet access to remote communities using mobile phones to create virtual networks and community ‘e-postboxes’.
Study wide or you can do both with a double degree

**Broad degrees**
You can choose a broad generalist degree such as arts, science or business and gain an insight into many aspects of your field of interest. This could lead to specialisation later.

**Specialised degrees**
Focus on a specific area of interest or choose a degree that leads to professional accreditation (such as law, medicine, engineering, IT, education or pharmacy) and graduate ready to practice.

**Double degrees**
Enrol in two degrees at the same time in two completely different disciplines (such as Arts/Law or Science/Engineering). As double-degrees are taken together, with the electives from one degree counting towards the other, it usually only takes a year longer than it takes to complete a single degree. A double degree is a great way to tailor your study to suit your tastes and talents while increasing your job prospects. Double degrees are offered by all 10 Monash faculties. See page 65 to discover more about double degrees at Monash.

**Honours**
If you are a high-achieving and motivated student, honours can help you:
- explore an area of interest in detail
- pursue a masters degree or a PhD
- enhance your employment opportunities.
Honours is usually an extra year of study at the end of your undergraduate degree. You normally apply for honours in your third year of study, but some courses include an honours year in their structure.
Turn your passion into your profession.
Through her Monash experience, Amy Burton knows that a person’s background should never get in the way of their access to legal services. Inspired by an assignment in South Africa, organised through Monash, she balances a career in corporate law with volunteer work at a community law clinic.

Industrial Design student and designer Alexander Vittouris won national acclaim designing a bike that used bamboo trained to grow in the shape of the frame. His environmental design could help solve third-world transport problems.

Cameron Tullberg (BlindDes 1995, MMM 2005) combined his interests in policing and multimedia to head Victoria’s Criminal Identification Squad.

Monash IT graduates Damian Kovach and Adi Rum have created an original and successful business that combines their skills in computer science with their interest in health and fitness. Soon after graduating, they created a business around an online fitness search engine that matches people to gyms and fitness centres in the area they live. The site, www.localfitness.com.au, now receives over four million hits a month and gyms large and small want to be involved.
No matter where you're from, we reward excellence. Monash University commits more than $90 million a year to student scholarships, prizes and awards.
Scholarships for excellence

Monash Scholarships for Excellence reward the highest achieving students in Australia. In 2012 all eligible students who received an ATAR score of 99.95 were offered one of these scholarships valued between $10,000 and $15,000 per year. Discipline (faculty) specific scholarships are also awarded.

Scholarships for equity

Seven million dollars is awarded annually to scholarships and bursaries to ensure equitable access to a world-class education. To be eligible for an equity scholarship or bursary, students must be from one of Monash University’s defined equity or personal disadvantage groups. Equity scholarships and bursaries range from a $500 one-off payment to $2500 per 48 credit points of study for the duration of a degree.

Monash Scholarships for Excellence and Equity are awarded to the highest achieving eligible students based on a combination of academic achievement and need. In 2012, students received $6000 per 48 credit points of study for the duration of their degree. Forty-eight credit points is one year of full-time study.

Monash UniStart Bursary

A minimum $500 bursary will be awarded to all eligible students who apply for a scholarship, gain admission to Monash and are in receipt of an approved Centrelink benefit. Students who are not in receipt of a Centrelink benefit will be assessed based on the financial information provided in the scholarship application. Students on the Vice-Chancellor’s Access Monash Scholars list will receive a $1000 bursary.

www.monash.edu/scholarships
But sometimes ambition needs a helping hand.

Monash University Special Entry Access Scheme

Everybody should have the opportunity to get the best education possible. The Special Entry Access Scheme (SEAS) provides special admission consideration to students whose opportunity to demonstrate potential for university study may have been affected by financial, geographical, cultural or personal circumstances. For students who have experienced disadvantage, bonus points are added to the aggregate study score to recalculate your ATAR and increase your chances of receiving an offer.

For further information, visit www.monash.edu.au/access/admissions.html

Vice-Chancellor’s Access Monash Scholars

This is a University-wide program for high-achieving students who are financially disadvantaged or Indigenous.

If you have a minimum ATAR of 90 (94 for Law) or you are awarded a Monash Indigenous Scholarship for Achievement (and 94 ATAR for Law) you will be invited to join the program which will grant you:

— entry to, or an interview for, your course of choice on having met any course prerequisites or extra requirements such as University Medical Admission Test (UMAT)*

— a Monash UniStart Bursary valued at $1000

— access to a range of special activities and opportunities to support your university experience.

*Students who meet the eligibility criteria but do not achieve the required UMAT score will receive special consideration of their UMAT result.

www.monash.edu.au/access/vc-scheme.html

Diploma of Tertiary Studies (DoTS)

The Diploma of Tertiary Studies (DoTS) is an innovative program that can help you get into Monash University if you haven’t got the Year 12 score you expected or are returning to study after working or raising a family. The Diploma of Tertiary Studies enables students with an ATAR of 50 or above to apply to Monash and immediately begin studying first year units at the Gippsland, Berwick or Peninsula campuses. After successfully completing DoTS, you can apply for entry to the second year of your Monash degree, allowing you to graduate with a full Monash undergraduate degree in as little as three years.

For further information, email arts-gippsland@monash.edu or visit http://arts.monash.edu.au/samss/dots

Monash College

Monash College in Australia is owned and operated by Monash University and offers accredited diploma programs in Arts, Art and Design, Business, Engineering and Information Technology. These diplomas provide the opportunity to directly enter second year of more than 50 selected Monash University degrees based on successful completion of the program. These diplomas are full-fee paying but scholarships are available for Australian students who have experienced disadvantage.

For more information, visit www.monashcollege.edu.au

Diploma of Tertiary Studies (DoTS)
Indigenous engagement

The Yulendj Indigenous Engagement Unit provides support services to Indigenous students. The unit provides assistance to students in applying for courses, scholarships and bursaries, course selection, tutorials, accommodation and academic support. There are also two pathway options specifically designed for Indigenous students.

For more information, visit www.monash.edu/study/life/indigenous/about.html

TAFE and other entry pathways

A qualification from TAFE provides a great background for entry to many Monash degrees. Students can also meet the university minimum entry requirements by successful completion of specific single units and aptitude tests. Note that some courses have additional entry requirements, such as interviews, admission tests and folios.

For more information, visit http://monash.edu/study/options/pathways.html
Accommodation
Accommodation is available at all campuses (either on campus or near-to-campus). www.mrs.monash.edu/on-campus-accommodation

On-campus
Living on-campus offers certainty and security for students who have never lived out of home before. The closing date for lodging applications for the following year is 30 November. www.mrs.monash.edu/on-campus-accommodation

Off-campus
Off-campus accommodation options include student hostels, full-board/homestay, part-board, private apartments and private houses. The Housing Advisory Service, part of Monash Residential Services, assists students with information and advice about off-campus accommodation. 03 9903 4646 offcampus.mrs@monash.edu www.monash.edu/study/services/housing

Parking is available at or near all Australian campuses

Monash campuses
Monash University has six Australian campuses, campuses in Malaysia and South Africa, centres in Prato, Italy and Mumbai India and a network of partners across the globe.

Berwick
Berwick is a small, friendly campus with about 2000 students about 40 minutes south east of Melbourne. It is a five-minute walk from the heart of Berwick’s specialty shops, cafes and business services. www.berwick.monash.edu

Clayton
Clayton is the largest of the University’s campuses. It combines a vibrant research, technology and manufacturing precinct with first-rate sporting facilities, shops, a student centre, libraries, a post office, banks, medical services and religious centres. The campus can be reached by public transport utilising an extensive bus network combined with train stations in surrounding suburbs. www.monash.edu/campuses/clayton

Caulfield
Caulfield is the second largest Monash campus, with about 13,000 students. It is the main centre for the faculties of Business and Economics, Art Design & Architecture, and Information Technology. Caulfield is nine kilometres from the Melbourne city centre and adjacent to Caulfield train station. The campus has a gym, library and cafes, and is close to several shopping precincts. www.monash.edu/campuses/caulfield

Parkville
Located three kilometres north of Melbourne’s city centre, the Parkville campus houses the Faculty of Pharmacy and Pharmaceutical Sciences, with first-class teaching facilities, innovative learning spaces and research laboratories. The campus is home to the Centre for Medication Use and Safety and the Monash Institute of Pharmaceutical Sciences, which comprises the largest and most experienced group of pharmaceutical scientists in Australia. www.pharm.monash.edu

Gippsland
Monash Gippsland is the University’s only regional campus – situated about a two-hour drive from Melbourne. Eight of the 10 Monash faculties are represented on campus, providing a broad array of undergraduate and postgraduate academic programs and research activities. Home to 2000 on-campus students, 5000 off-campus students and nearly 400 staff, the campus is valued as a place to study and live away from the pressures of city life. It is easily accessible by a bus connection from Morwell train station or by car. www.gippsland.monash.edu

Peninsula
The Peninsula campus is about an hour’s drive south of Melbourne, between the bay and the beach. It is a centre for nursing and paramedic training and early childhood and primary education, and is also being developed as a centre for health science research. There is a bus connection to Frankston train station, and a free shuttle bus runs between Peninsula and Clayton campuses. www.monash.edu/campuses/peninsula

To make a difference, start here:
Sunway, Malaysia
Monash University Sunway campus was the first international campus of Monash University. The campus offers state-of-the-art teaching and learning infrastructure to almost 4000 students. There are specialised laboratories for various fields of study, a library and learning commons, and a student centre. The University provides financial assistance for intercampus student exchange between Malaysia and Australia. www.monash.edu.my

South Africa
The South Africa campus is dedicated to educating the future leaders of Africa. The campus is located on a 100-hectare site in Ruimsig, a growing suburb 23 km from the Johannesburg city centre. Students at the campus benefit from small classes, advanced facilities and state-of-the-art technology. There is a strong volunteering ethic on the campus. Many students give up their free time to help disadvantaged children with their school work. www.monash.ac.za

Prato Centre, Italy
The Prato Centre, near Florence, hosts short and semester-length courses and seeks to develop and expand Australia’s connections with universities, governments, cultural organisations and industry in Europe. It has also been established to develop and expand the opportunities for Monash and other Australian students to study overseas. It is an ideal venue for workshops, seminars and conferences. www.ita.monash.edu

IITB-Monash Research Academy, India
The IITB-Monash Research Academy, based in Mumbai, India is an exciting partnership between the Indian Institute of Technology Bombay (IITB) and Monash University – two of the world’s leading educational and research institutions. Together IITB and Monash are taking a collaborative approach to multidisciplinary research that can deliver high-impact, integrated solutions to complex research problems for industry, government and the broader research community. The Academy will be located in a purpose-built, modern facility located at the Powai campus of IITB.

Distance education (off-campus education)
We also offer many of our courses by distance education (off-campus). No matter where you are you can access a world-class Monash education. These courses include:

- Bachelor of Arts (Criminal Justice)
- Bachelor of Arts (Journalism)
- Bachelor of Arts (Professional Communication)
- Bachelor of Arts (Psychology)
- Bachelor of Arts and Social Sciences
- Bachelor of Behavioural Science
- Bachelor of Community Welfare and Counselling
- Bachelor of Journalism
- Bachelor of Sports Promotion and Events Management
- Bachelor of Business and Commerce

- Bachelor of Early Childhood Studies
- Bachelor of Information Technology and Systems
- Bachelor of Arts and Bachelor of Social Work
- Bachelor of Nursing Studies
- Bachelor of Psychological Science and Business
- Bachelor of Social Work
- Bachelor of Science
- Bachelor of Science (Biotechnology)
- Bachelor of Science (Medical Bioscience)
- Bachelor of Science (Veterinary Bioscience)
- Associate Degree in Arts and Social Sciences

To make a difference, start here

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Create your future
ADA fosters a spirit of creative enquiry and interdisciplinary collaboration, and is widely respected as a leader in education, creative practice and research. Our staff focus on critically-informed creative activity of the highest order. As highly regarded industry professionals and theorists, they bring to their teaching and research an expertise that reflects the diversity of contemporary visual culture and creative practice.

ADA is unique in Victoria, as we bring together the creative disciplines of art, design and architecture in one faculty. Our flexible course structures encourage you to take electives from across disciplines. Monash University Museum of Art (MUMA) completes our creative hub at the Caulfield campus.

Creative by design
By studying art, design or architecture at ADA, you can develop the knowledge and skills to enact your vision. Our students have designed products to help people with disabilities, created installations that comment on social issues, and developed emergency relief structures. The applications are limitless.

ADA can help you take the first step toward a career that is flexible and dynamic. Our graduates have strong visual communication skills and the ability to think creatively. As inquisitive individuals, they develop innovative solutions to improve the world around them and contribute to the social discourse.

At ADA you can explore the world. With study options at the Monash University Prato centre, as well as study abroad partners, you can go global with your creative endeavours.

With a degree from ADA, a world of opportunities and the opportunity to change the world awaits.

Studio-based learning
At ADA, our highly interactive courses have a strong emphasis on studio-based learning. This means you can put your creative ideas into practice with the experienced guidance of our lecturers and studio coordinators.

Unlike the more traditional lecture mode, studio-based learning enables you to actively participate in problem solving and the practice of creating and making, which are integral to the learning process.

ADA is also home to one of Australia’s largest studio-based research programs. We are committed to research through creative practice. Our interdisciplinary community allows you access to unique opportunities to further your studies and expand your creative practice.

Enquiries
future@monash.edu
1800 MONASH

Michelle Phillips
Bachelor of Architectural Design/Master of Architecture

Michelle Phillips chose to study at Monash because she saw the young program mirrored her passion for architecture. ‘I was impressed by the ambition of the program. Being part of a new course is exciting because the staff are passionate and give us every opportunity to extend ourselves.’

‘Architecture is a great course if you want to be challenged, if you want to be always learning and searching.’ ‘The thing I enjoy the most is the contact with lecturers and tutors. Discussing your work with practising architects and faculty members helps to clarify and refine your ideas.’

In 2009 Michelle collaborated with fellow Architectural Design students to design and build an outdoor community shelter at the Kinglake Temporary Village. The shelter, part of the students’ studies in second year, made a tangible contribution to a community devastated by the Black Saturday bush fires.

Michelle valued the opportunity to work with leading disaster-relief architects, Professor Silvia Acosta and Adrienne Benz, who were visiting lecturers from the internationally renowned Rhode Island School of Design. ‘It was the first time that I got to see a design from first ideas and sketches to finished built product – which was exciting!’
Bachelor of Fine Art

The Monash Bachelor of Fine Art focuses on the creative and research skills required to pursue a career as a contemporary artist. The course enables students to establish critical and formal expertise, as a foundation for artistic practice. Students advance their skills, thinking and knowledge over the three years of the course, to build a sophisticated individual visual language that opens up a vast range of contemporary art forms and practices.

What makes it great
Throughout their degree, fine art students develop their own art methodology by working closely with nationally and internationally recognised and emerging artists. Students also have access to studio spaces and state-of-the-art facilities. Students may spend up to a semester of their degree studying at the Monash Centre in Prato, Italy.

Once you've graduated
A high number of our graduates succeed as practising artists and are highly visible in the art community. Others work at independent, and commercial levels. Our alumni have successful careers in a vast array of allied arts professions, including arts education, curatorship and administration in museums, galleries, community arts programs, art and design consultancies, and conservation organisations.

Bachelor of Industrial Design

Industrial designers are responsible for the design of a wide range of products, from furniture and domestic appliances, to specialist medical and scientific equipment, transportation and industrial machinery. From very large objects to very small consumer items, the job of an industrial designer is to create a product which simultaneously achieves functional and aesthetic goals. In designing these new products, they must consider issues of usability, innovation, materials and manufacturing.

What makes it great
Students learn to plan and manage projects within the constraints of a design brief, just as they will in their working lives. Students have access to state-of-the-art facilities including safe, modern workshops and the latest computer modelling software.

Once you've graduated
This degree can lead to a career in consumer and industrial product design in the automotive, electronic, packaging, exhibition, sporting and furniture industries.

Bachelor of Architectural Design/Master of Architecture

Architects provide leadership in the design and construction of the built environment, collaborating with engineers, builders and other design professionals. The accredited Architecture program at Monash University is an innovative program that engages with practice, industry and the broader community. It seeks to advance architecture through ambitious design practice and research which contributes to social and environmental sustainability.

What makes it great
The program's focus on architecture as a creative discipline is enhanced through its location in an art and design faculty. Connections between architecture, art and design enable students to establish a creative network by studying alongside industrial designers, painters, sculptors, interior architects, and others.

Architecture is a five-year academic program comprising the Bachelor of Architectural Design (three years) and the Master of Architecture (two years). Both are required for students who wish to practise as an architect. Students who successfully complete this bachelor degree are guaranteed entry to the two-year Master of Architecture program.

Once you've graduated
The employment market for architects is strong in Australia, and there are substantial international opportunities. Many Australian architects work for practices overseas and Australian firms regularly undertake international projects.
Bachelor of Architectural Design and Master of Architecture
Architects provide leadership in the design and construction of the built environment, collaborating with engineers, builders and other design professionals. Architecture at Monash is an innovative two degree program intended for students who wish to qualify to practise as an architect. Students who successfully complete the Bachelor of Architectural Design are guaranteed entry to the two-year Master of Architecture program.

Bachelor of Design (Visual Communication)
Graphic design students combine art and technology to communicate ideas. They work with a variety of tools, including images and typography, to create a unique, effective way of getting a message to an audience. This course is intended for students who wish to seek employment as a graphic designer in the areas of corporate identity, publishing, advertising, packaging, illustration, information design, motion graphics and interactive digital media.

Bachelor of Fine Art
Every artist must find their voice and this degree allows students to explore their creativity by working closely with leading contemporary artists. The course builds creative and research skills through which students develop their own individual visual language and, over the course of this three-year degree, opens up a vast range of contemporary art forms and practices.

Bachelor of Industrial Design
The job of an industrial designer is to create a product which simultaneously achieves functional and aesthetic goals. In designing these new products, they must consider issues of usability, innovation, materials and manufacturing. Students learn to plan and manage projects within the constraints of a design brief and have access to state-of-the-art facilities including safe, modern workshops and the latest computer modelling software.

Bachelor of Interior Architecture
Interior Architects design spatial experiences by combining their understanding of how people engage with the world around them with their knowledge of structures and building technology. They create spaces that communicate ideas, shared values and stories. Interior architects can apply their skills to a diverse mix of dynamic projects beyond the bounds of interior design. This may include transforming spaces on a large scale in the adaptive reuse of heritage buildings, focusing on the intimate detail in designing unique furniture and objects for theatre sets, curating a variety of media and technologies to develop exhibitions, or exploring the relationship between community, identity and place in urban experiences.

Bachelor of Multimedia and Digital Arts
The digital revolution has significantly altered the way people seek information and understand the world, and a career in new media offers many possibilities. Web and multimedia design are now essential in the corporate world. Training in web design, animation, motion graphics and digital imaging can lead to a career in the ever-evolving fields of interactive media, film, video games and entertainment. Monash students study a combination of multimedia and digital technologies.

Bachelor of Visual and Media Arts
Visual and media artists work across a range of media to create pieces that bridge the gap between the traditions of art history and the technologies of today. This course provides a broader range of studio options than the traditional fine arts studios, with the aim of producing artists who can play a part in shaping Australia's visual arts industry.

Bachelor of Visual Arts
This is a multidisciplinary course for students who want to work in the arts industry or arts education. It provides pathways to professional training in the broader field of visual arts, including visual art education, arts business, curatorial practice and art theory. Students study a combination of units that best suit their individual and professional aspirations.

Double degrees
Bachelor of Business and Bachelor of Visual Arts
The demand for arts administrators and artists with business skills and training led to the development of this unique course, the only one of its kind in Victoria. As this is a double degree, students study the major business disciplines, while also learning the theories and practices needed to work as a professional visual artist.
Iona Roy
Bachelor of Arts as a participant in the Dean’s Scholars Program. (Graduated 2011). Diploma of Languages (Indonesian) (Graduated 2011). Currently studying Bachelor of Arts (honours) in politics.

Iona enrolled in Arts with an open mind, keen to expand her knowledge, but with no clear direction about a career path or where her studies might lead. “I discovered during my time at Monash that I am really passionate about working in the development and aid sector,” says Iona.

She has been on exchange to Sciences Po in Paris, gone on a study tour to Rwanda, taken internships in Kigali, South Africa and volunteered with development agencies. “The chance to travel overseas has deeply enhanced my view of the world and other cultures. I have picked up a new language (Indonesian) and developed a passion for politics, international development and current affairs.”
Bachelor of Arts

The Bachelor of Arts is a flexible degree that allows students to match their academic interests with their career goals to create the ideal course. Arts provides a set of general, portable and lasting skills vital to any career, such as the ability to research an issue, present an argument, analyse information, communicate clearly and relate well to people.

What makes it great
The degree can be constructed to be broad-based or specialised. A general arts degree allows you to explore a wide range of subjects including a major area of study from arts or another faculty such as business. A structured degree is more vocationally focussed, enabling you to specialise in a particular area.

Examples of structured degrees include Bachelor of Arts (Journalism), Bachelor of Arts (Languages) and Bachelor of Arts (Communication). Double degrees are also available, giving the arts degree a partnership with a qualification in law, science, business or teaching.

Once you’ve graduated
Monash arts graduates work in fields as diverse as broadcasting, bioethics, politics, media and communications.

Bachelor of Arts (Global)

Monash has a tradition as Australia’s leading international university and the Bachelor of Arts (Global) provides the opportunity to gain a truly international education.

What makes it great
Students must study overseas for at least one semester of the degree, but may do so for up to three semesters, either at Monash Malaysia, Monash South Africa or an approved partner university anywhere in the world. The University may provide grants of up to $4000 to students who study abroad as part of its commitment to encourage an international learning experience.

Once you’ve graduated
Monash arts graduates work in fields as diverse as broadcasting, bioethics, politics, media and communications.

Bachelor of Journalism

Journalism at Monash has moved away from traditional courses centering on print and integrates all technologies in the various fields of study. At the end of first year, students will have competencies in news reporting for print, online, video and radio. In second year they move into current affairs and features formats and in third year they specialise in a particular genre – political, business, sport and cultural, investigative and environmental reporting.

What makes it great
Monash has the largest undergraduate journalism program in Australia. Students are offered an unrivalled array of specialisations and access to a wide range of electives including languages, environment and sustainability, politics, international studies, criminology, human rights theory, counter-terrorism, history and theatre. You can combine Journalism with Business and Commerce and graduate with a double degree in only four years.

Once you’ve graduated
Graduates of this course have the theoretical and practical skills to take up work as journalists at the local, regional, metropolitan or international level, both in print and online, or they can apply their skills to the fields of corporate or government communications.
## Arts

**Single degrees**

<table>
<thead>
<tr>
<th>Arts campus course</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly in ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts campus course</td>
<td>On-campus</td>
<td>3 years FT</td>
<td>85</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Off-campus</td>
<td>3 years FT</td>
<td>72.4</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
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<tr>
<td>Off-campus</td>
<td>Off-campus</td>
<td>3 years FT</td>
<td>Individual offer</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>5648</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Off-campus</td>
<td>3 years FT</td>
<td>86.2</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Multi-mode</td>
<td>3 years FT</td>
<td>74.15</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>7000</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Multi-mode</td>
<td>3 years FT</td>
<td>70.65</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>5648</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Off-campus</td>
<td>3 years FT</td>
<td>N/A</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: English at a minimum of grade four at standard level.</td>
<td>N/A</td>
</tr>
<tr>
<td>Off-campus</td>
<td>Off-campus</td>
<td>3 years FT</td>
<td>99.3</td>
<td>VCE: Units 3 and 4 – a study score of at least 45 in English (ESL) or 40 in any other English, and a study score of at least 30 in any other three VCE studies. All applicants must achieve an ATAR of 95.00 or greater to be eligible for selection. IB: A score of at least 7 in English SL or 6 in English HL.</td>
<td>6000</td>
</tr>
</tbody>
</table>

**Bachelor of Arts (Arts)**

Arts students gain general, portable and lasting skills vital to any career, such as the ability to research an issue, present an argument, and develop critical thinking and problem-solving skills. They also gain experience in a variety of disciplines, including the traditional such as languages, politics and cultural studies. Students must study overseas for at least one semester of the degree, but may do so for up to three semesters, either at Monash University Malaysia, Monash South Africa or an approved partner university anywhere in the world. They may also study up to two semesters off-campus learning.

**Bachelor of Arts (Arts)**

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
</tr>
<tr>
<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
</tr>
<tr>
<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>5648</td>
</tr>
<tr>
<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
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<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6000</td>
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<tr>
<td>Off-campus</td>
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<td>6000</td>
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<td>Off-campus</td>
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<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>7000</td>
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<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 45 in English (ESL) or 40 in any other English, and a study score of at least 30 in any other three VCE studies. All applicants must achieve an ATAR of 95.00 or greater to be eligible for selection. IB: A score of at least 7 in English SL or 6 in English HL.</td>
<td>6000</td>
</tr>
</tbody>
</table>

**Bachelor of Arts (Arts)**

This course focuses on how English functions in society, develops and changes, relates to thought and how it is acquired and learned. Students gain sophisticated professional writing and oral communication skills in an intercultural context, looking at how English has come to be a global language.

**Bachelor of Arts (Arts)**

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (AS)</th>
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<tr>
<td>On-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
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<td>Off-campus</td>
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<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
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<tr>
<td>Off-campus</td>
<td>3 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 45 in English (ESL) or 40 in any other English, and a study score of at least 30 in any other three VCE studies. All applicants must achieve an ATAR of 95.00 or greater to be eligible for selection. IB: A score of at least 7 in English SL or 6 in English HL.</td>
<td>6000</td>
</tr>
</tbody>
</table>
Bachelor of Behavioural Science
The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science. The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science. The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science. The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science. The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science. The course is designed for those who wish to combine a psychology major with areas such as science, computing, arts, management or marketing. Students complete a major in either psychological studies or psychology. They also complete an arts minor and a second major or minors chosen from arts, business and commerce, information technology or science. (Note that the psychological studies major or minors chosen from arts, business and commerce, information technology or science.

Bachelor of Communication
The degree teaches students about the role of communication in modern society through studies of the application of mass communications theory to the corporate sector; the role of culture and social structures in social change; global trends and their local impact and contemporary writing practices. Students take compulsory studies in communication, international studies and writing as well as a range of electives. They may also study up to four music units, which can be used to transfer to the Bachelor of Music.

Bachelor of Community Welfare and Counselling
The course equips students for competent and ethical social welfare practice in an ever-changing social and political climate. The degree develops skills and knowledge for intervention in different fields of practice, advanced theoretical analysis and application, and social welfare practice from a management perspective. Students complete a structured sequence in social welfare, including work placement in welfare agencies, together with support studies in public and social policy, methods of social research and Indigenous society. They may also minor in Australian Indigenous studies, community studies, psychology or sociology. This course is accredited by the Australian Institute of Welfare and Community Workers (ACWA).

Bachelor of Community Welfare and Counselling and Diploma of Community Services
This course allows students direct entry to Monash to gain a Bachelor of Community Welfare and Counselling and a Diploma of Community Services (Alcohol, Other Drugs and Mental Health). TAFE Diploma modules are taken in place of Arts electives in third year. This course is accredited by the Australian Institute of Welfare and Community Workers (ACWA). Graduates are qualified to work in the relevant field employed by the Victorian Department of Human Services.

Bachelor of Community Welfare and Counselling and Diploma of Disability
This course allows students direct entry to Monash to gain a Bachelor in Community Welfare and Counselling and a qualification in community services. The TAFE Diploma modules are taken in place of Arts electives in the second and third years. This course is accredited by the Australian Institute of Welfare and Community Workers (ACWA). Graduates are qualified to work in the relevant field employed by the Victorian Department of Human Services.

Bachelor of Journalism
Journalism at Monash is the largest program of its kind in Australia. This course addresses all production technologies for journalism – print, video, radio and online. It imparts advanced skills in research and communication for professional practice, fosters a critical understanding of the role of journalism and the media in contemporary Australian society. It is founded in the principle that robust and accurate journalism is an essential component of a democratic society.

Bachelor of Letters
The Bachelor of Letters is a second undergraduate degree that allows students to specialise in an area of study relevant to their personal, professional or academic development. In the past, for example, engineers have undertaken studies in cultures and languages of countries with which they have trade relations, computer industry professionals have found studies in philosophy (particularly in logic) helpful, and secondary teachers in schools have benefited from developing another teaching discipline. Refer to the majors and minors table for a full list of studies offered. A full range of units may not be available to students starting in July.

Bachelor of Music
The course provides a comprehensive and balanced education in musical theory and practice and prepares students for a variety of roles in the music industry. In addition to learning practical skills, students discover the historical, creative, technical and cultural aspects of music. They complete a major and a minor in music performance and a second major in either composition, musicology or ethnomusicology.

Bachelor of Performing Arts
The degree provides a balance of practical, theoretical, critical and contextual studies. Students take part in cooperative productions, working in two or more performing art forms, for example music theatre or dance-drama productions and sound sculpture exhibitions. The degree offers performing arts majors and minors in drama and theatre studies, music and visual culture. A minor is also available in dance.

Bachelor of Professional Communication
Students develop an understanding of the practical operations of the media, the social and cultural dimensions of mass communications, and the audiences, producers and policy-makers. Students complete a major in communications, public relations or journalism, a minor that’s different from the major in communications, public relations or journalism, an arts first-year sequence, two arts units and further elective units.
## Bachelor of Professional Communication and Diploma of Professional Writing and Editing
This course allows students to undertake major studies in the theory, practice, technology and research techniques of mass communications together with studies at Chisholm TAFE designed to provide students with the theoretical base and the practical skills in a variety of writing, editing and production tasks. See also Double degrees section.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Berwick)</td>
<td>3 years FT 6 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6750</td>
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</tbody>
</table>

## Bachelor of Social Science

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (South Africa)</td>
<td>3 years FT 6 years PT</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## Diploma in Languages
Students can pursue an interest in one of the languages while simultaneously studying a bachelor's degree. It is the equivalent to a full major, and generally adds a further year to the length of studies. Most of the languages available at Monash can be studied as a diploma.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus (Clayton, Caulfield)</td>
<td>1 year FT 2 years PT</td>
<td>N/A Note: A full-time load is equivalent to one year full-time, taken part-time over three years.</td>
<td>5648</td>
</tr>
</tbody>
</table>

## Diploma in Liberal Arts
Students can pursue an interest in one of the humanities or social sciences. It is the equivalent to a full major, and generally adds a further year to the length of studies. The diploma is offered in many of the arts majors listed in the Monash arts discipline table. Students should contact the faculty to confirm that their choice is available.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus (Gippsland, Clayton, Caulfield, Berwick)</td>
<td>1 year FT 2 years PT</td>
<td>N/A Note: A full-time load is equivalent to one year full-time, taken part-time over two or three years.</td>
<td>5648</td>
</tr>
</tbody>
</table>

## Diploma of Tertiary Studies
The Diploma of Tertiary Studies offers an alternative entry pathway for students at the Gippsland, Berwick or Peninsula campuses. Students can use the course to explore their academic options and gain credit towards a range of degrees. The course consists of two core study skills units, and six units from elected areas of interest in arts and communications, business and economics, computing and information technology, education or nursing.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus (Gippsland, Clayton, Caulfield, Berwick)</td>
<td>1 year FT 2 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6250</td>
</tr>
</tbody>
</table>

## Associate Degree in Arts and Social Sciences
A focused but flexible course that enables students to study the humanities and social sciences alongside more applied and vocational areas. Students will develop communication skills, skills of argument and analysis, and the potential for lifelong learning. Students who successfully complete the Associate Degree will automatically qualify for the Bachelor of Arts and Social Sciences.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus (Gippsland)</td>
<td>2 years FT 4 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>6250</td>
</tr>
</tbody>
</table>

## Associate Degree of Community Welfare and Counselling
This course provides the skills, knowledge and value base for competent welfare practice in a wide range of settings. Emphasis is placed on the practical and vocational elements of professional practice. On completion, students may apply to upgrade to the Bachelor of Community Welfare and Counselling or the related double degrees.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-mode (Gippsland)</td>
<td>2 years FT 4 years PT</td>
<td>Contact Monash</td>
<td>5648</td>
</tr>
</tbody>
</table>

## Double degrees

## Bachelor of Arts and Bachelor of Business (Accounting)
Gain high-level skills in accounting and management, along with excellent communication, organisational and research skills gained through studying arts. Students complete studies in accounting and other business disciplines and at least a major and minor in arts.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-campus (Caulfield)</td>
<td>4 years FT 8 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematics (any). IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 3 in mathematics HL.</td>
<td>7500</td>
</tr>
</tbody>
</table>

## Bachelor of Arts and Bachelor of Business (Banking and Finance)
This course provides high-level skills in banking and finance, along with excellent communication, organisational and research skills gained through studying arts. Students explore several key areas of management of financial institutions and a core of business foundation units, together with a major in arts, an arts minor, another arts first-year sequence and two arts electives.

<table>
<thead>
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<th>Campus</th>
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<th>Prerequisites</th>
<th>2012 indicative CSF fee (AU$)</th>
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</thead>
<tbody>
<tr>
<td>Off-campus (Caulfield)</td>
<td>4 years FT 8 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematics (any). IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 3 in mathematics HL.</td>
<td>7500</td>
</tr>
</tbody>
</table>
Bachelor of Arts and Bachelor of Business (Management)
Gain high-level skills in management, along with excellent communication, organisational and research skills gained through studying business. This degree explores a range of specialised management areas (including business planning and decision-making, human resource management, business communication, finance management and employee relations) together with a major in arts, an arts minor, another first-year arts sequence and two arts electives.

Bachelor of Arts and Bachelor of Business (Marketing)
This course combines studies in economics with studies in the humanities, languages or social sciences. It provides students with a broad perspective of business combined with specific marketing studies, plus a major in arts, an arts minor, another arts first-year sequence and two arts electives.

Bachelor of Arts and Bachelor of Economics
This course combines studies in economics with studies in the humanities, languages or social sciences. Students undertake compulsory units in Economics and also study a major and minor sequence in arts.

Bachelor of Arts and Bachelor of Music
Follow your interest in music while exploring other studies in arts. Students of this course take units in music performance, composition, musicology and ethnomusicology, including classical and popular music, while completing an arts major and minor, and further arts electives outside music.

Bachelor of Arts and Bachelor of Visual Arts
The course provides students with sound knowledge of the theories and practices required to work professionally in the visual arts. They can also expect to develop a broad base of critical, analytical and communication skills through their studies in the humanities and social sciences.

Bachelor of Arts (Journalism) and Bachelor of Science
This double degree provides the knowledge, understanding and skills used in science journalism. Students explore the role of science and media in society, modern multimedia technology and science communication.

Bachelor of Arts (Psychology) and Bachelor of Community Welfare and Counselling
Combine the study of psychology with a vocational qualification in community welfare and counselling. Students will graduate with a major in psychology that is recognised by the Australian Psychological Society, and will also possess a full welfare qualification recognised by the Australian Institute of Welfare and Community Work (ACWA).

Bachelor of Arts and Social Sciences and Bachelor of Community Welfare and Counselling
This combined course allows students to gain a recognised welfare qualification while exploring the breadth of studies offered through the arts degree. Students complete a sequence in community welfare and counselling and choose a major and a minor from arts. This course is accredited by the Australian Institute of Welfare and Community Workers (ACWA).

Bachelor of Arts and Social Sciences and Bachelor of Visual and Media Arts
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

Bachelor of Music and Bachelor of Commerce
This degree is ideal for students with musical abilities who are also interested in gaining a knowledge of the business sector. Students undertake core studies across the major commerce disciplines, as well as a major sequence in one of these areas. They also undertake a music major and either musicology or music as their second major, or both.

Bachelor of Music and Bachelor of Perfroming Arts
The course enables students to develop their performance and academic skills in music, while expanding their analytical and critical knowledge of other performing arts disciplines. The program suits students who wish to pursue creative enterprises that cross genres and disciplines, such as musical theatre and multimedia performance.

12th Indicative CSP fee: The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder
**Arts Areas of Study (Disciplines): Quick Reference Guide**

Arts Areas of Study are offered on the Berwick, Caulfield, Clayton, Gippsland, Sunway (Malaysia) and South Africa campuses and by off-campus learning, as listed below. Note: Not all campuses indicated may offer a major. The majors can vary between campuses and restrictions can apply.

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Tara Melky  
Bachelor of Business (Marketing)

As a consultant and Portfolio Manager at Forethought Research, Tara Melky never finds herself short of a challenge. Tara is responsible for the management of research projects and major accounts at what is one of the Asia-Pacific's leading strategic marketing, brand and communications research firms.

"My course at Monash University gave me a strong understanding of market research practices and methodologies which definitely gave me an advantage in securing my role," Tara says. "The strategy and implementation subjects I studied gave me the skills to ensure research findings are actionable."

While at Monash, Tara took subjects outside of the traditional business focus, which added a depth of knowledge she finds useful in her daily work. "I also draw on other subjects undertaken, like economics and psychology, which complement my role."

Why study Business or Commerce?
As a business or commerce graduate, you will have the unique capacity to choose to work in almost any industry sector you wish. Whether running your own company or working in a large multi-national organisation, the business skills and knowledge you will acquire at Monash will enable you to choose your own future.

And choice is central to learning at Monash. You can choose to specialise in a particular area of business, like accounting or economics, or you can combine your business studies with another area of study, like psychology, engineering or law, equipping you to excel in whatever profession you decide to pursue. In fact, Business and Commerce degrees can be combined with degrees offered by every other Monash University faculty, offering a multitude of double degree study options.

Problem Based Learning
Problem Based Learning (PBL) is a new approach to studying business offered as part of the Bachelor of Business (BBus) on our Peninsula campus. You will spend very little time attending traditional lectures or tutorials. Instead, working with a small team of fellow students and an academic mentor, you will create practical solutions to real life problems. PBL allows you to discover and apply the same discipline knowledge and learning outcomes as you would in a traditional course but in a different way.

While you will still sit exams, much of the assessment takes place in class throughout the semester.

Enquiries
future@monash.edu
1800 MONASH

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Featured courses

Bachelor of Business

The complexity and pace of the modern international business world requires graduates who can think analytically, act decisively and have a broad knowledge base. Monash Bachelor of Business courses combine intensive study in business fundamentals with practical applications, and provide a career focused education that is particularly relevant in today’s rapidly changing business environment. Areas of specialisation offered include: accounting, banking and finance, business law, business strategy, data visualisation and modelling, econometrics, economics, finance, human resource management, international business, management, marketing, psychology, quantitative economics, sports management and tourism.

Once you’ve graduated

There are few fields of study that open up as many career opportunities as business. Our graduates are employed around the world. They work in large financial organisations and small start-ups. They work in the media, in arts, in advertising and in health. They work for the government, for corporations and for themselves. The range of career options available to you depends on the subjects you choose but, given we offer such a wide range of subjects and specialisations, you will be able to explore many career paths. Some of our recent graduates are currently employed as auditors, accountants and analysts in banks and other large multinational companies, sustainability managers across a variety of organisations, marketing professionals in large and smaller firms, business analysts in numerous organisations and some are running their own company. And future employment prospects for Commerce graduates are strong. For example, government indicators predict employment opportunities for economists and marketing professionals are expected to grow in the future.*


Which Bachelor of Business to choose?

If you know what you’d like to focus on during your studies (and you want to be able to include a course name on your CV which reflects your area of study), that’s great—choose a course with a bracketed specialisation, such as Bachelor of Business (Marketing). If you are not sure, that’s OK too. Choose the Bachelor of Business and you’ll have the flexibility to make up your mind later on. You are not locked into a particular study program in this course. You will gain a solid foundation in all the main business disciplines in your first year. You can then choose your additional subjects based on your interests, strengths and desired career outcomes.

Bachelor of Commerce

You’ll gain a thorough understanding of the workings of the economy and business through this broad based, flexible and multi-disciplinary degree. You’ll develop your capacity for logical analysis and conceptual thinking, and build the knowledge and skills required to manage public and private enterprises. Depending on the subjects you choose, you’ll be able to specialise in two different commerce areas of study. Or you can choose to focus on one commerce area of study, and another area from a completely different discipline. Commerce specialisations include: accounting, actuarial studies, business law and taxation, business modelling, econometrics and business statistics, economics, finance, financial and insurance mathematics, international commerce, management studies, marketing and sustainability.

Once you’ve graduated

Career opportunities depend on the subjects taken. Some of our recent graduates are currently employed as economists, accountants and financial analysts in banks and other large multinational companies, sustainability managers across a variety of organisations, marketing professionals in large and smaller firms, business analysts in numerous organisations and some are running their own company. And future employment prospects for Commerce graduates are strong. For example, government indicators predict employment opportunities for economists and marketing professionals are expected to grow in the future.*


Business or Commerce?

There are many similarities between the Bachelors of Business and Commerce. Industry placements are available in both and both provide a strong foundation for a career in business. Although the subjects offered are different, similar topics are covered in many areas. However, when studying subjects within the Bachelor of Business, there may be a greater emphasis on the practical application of theory. The Bachelor of Commerce offers a more theoretical or analytical approach, where the focus is on conceptual thinking. In addition, there will be a higher level of the application of mathematical knowledge in some areas of the Bachelor of Commerce – for instance, in economics, econometrics and finance subjects. It is important to remember that, at Monash, you are not locked into a particular program. Because our courses are so flexible, once you have enrolled in either the Business or Commerce degree, if you still want to get the “best of both” you can choose to study subjects from the alternate course providing you have the appropriate prerequisites and there is capacity.
Bachelor of Accounting
The Bachelor of Accounting is a premier accounting degree which combines on-campus learning and two industry-based learning placements. In total, students benefit from six months industry-based learning during the degree. One of the placements is typically at a big four accounting firm. Students in this course receive an industry-funded scholarship of $16,000 per student. Optional studies in subject areas other than accounting, such as a language, form part of the course. Graduates experience exciting employment outcomes. The big four accounting firms and other leading local and international companies recruit the work-ready graduates of the program.

Bachelor of Business
The complexity and pace of the modern international business world requires graduates who can think analytically, act decisively and have a broad knowledge base. The Monash Bachelor of Business course combines intensive study in business fundamentals with a strong conceptual framework with practical applications, and provides a career focused education that is particularly relevant in today’s rapidly changing business environment. Areas of specialisation offered include: accounting, banking and finance, business law, business strategy, data visualisation and modelling, econometrics, economics, finance, human resource management, international business, management, marketing, psychology, quantitative economics, sports management and tourism.

Bachelor of Business (Accounting)
Accounting is the language of business. Precise and innovative accounting is critical to the management of businesses, both large and small, and forms the basis for decision making by owners and operators. The Monash accounting program provides a comprehensive and rigorous education in accounting and the broad field of business management, producing graduates who can meet the challenges of a rapidly changing commercial environment.

Bachelor of Business (Banking and Finance)
Experts in banking and finance make vital decisions on the circulation of money, granting of credit, making of investments and the provision of banking services that can affect the lives of millions. This course is ideal for those planning a career in the banking and finance industry, especially in commercial and investment banking, corporate finance, stock markets, capital markets and derivative markets.

Bachelor of Business (Law)
The law is the backbone of business. It regulates financial transactions and marketing processes, and it regulates those engaged in companies and partnerships. Business law is also at the forefront of developments in e-commerce as established regulations are brought to bear on cyber transactions. Monash recognises the fundamental importance of business law and taxation in a rapidly changing commercial world and seeks to provide graduates with extended skills in these areas. Please note that this degree does not qualify graduates to practise as a barrister or solicitor.

Bachelor of Business (Marketing)
Identifying and satisfying customer needs profitably form the basis of marketing. It includes creating, communicating, delivering and exchanging offerings that have value to potential customers and, often, building strong relationships between an organisation and its customers. This course provides an understanding of fundamental marketing principles and practices and a sound business base. It offers education in marketing research, preparation of marketing plans and strategies and problem solving as well as team-building, communication and management.

Bachelor of Business (Psychology)
Psychology examines human nature: how we interact, operate and think. It is concerned with problem-solving, perception, decision-making and communication. The application of psychology in a business setting adapts this understanding to assist organisations to operate more effectively. This course aims to produce highly trained and proficient graduates who are well qualified to apply their psychological, business and marketing, or management, training to work in a business environment.

Bachelor of Business and Commerce
This global, flexible degree allows students to create a study program to best suit their proposed employment goals and business discipline interests. Offered at the Gippsland campus and in Malaysia, the course will expose students to research findings and approaches relevant to the disciplines. It will also expose students to key issues relevant to the disciplines at international levels.

Bachelor of Business Science
The Bachelor of Business Science is a flexible course allowing depth and breadth of study of the major business disciplines. The course comprises core units across the key business disciplines and electives that may be taken from any faculty and a major in one of: Accounting, Economics, Management, or Marketing.

Bachelor of Business Science (Accounting)
The Bachelor of Business Science (Accounting) is a specialist accounting degree which will provide graduates with highly specialised skills in accounting and general skills in South African business law. The course blends a conceptual theoretical framework with a range of practical applications and covers the basic discipline material through to more specialised accounting concepts.

Bachelor of Business Science (Marketing)
Offered at the Gippsland campus and in Malaysia, the Bachelor of Business Science (Marketing) provides an understanding of fundamental marketing principles and practices and a sound business base. It offers education in marketing research, preparation of marketing plans and strategies and problem solving as well as team-building, communication and management.

Bachelor of Commerce
The Bachelor of Commerce is a premier accounting degree which combines on-campus learning and two industry-based learning placements. In total, students benefit from six months industry-based learning during the degree. One of the placements is typically at a big four accounting firm. Students in this course receive an industry-funded scholarship of $16,000 per student. Optional studies in subject areas other than accounting, such as a language, form part of the course. Graduates experience exciting employment outcomes. The big four accounting firms and other leading local and international companies recruit the work-ready graduates of the program.

Bachelor of Commerce (Accounting)
The Bachelor of Commerce (Accounting) is a specialist accounting degree which will provide graduates with highly specialised skills in accounting and general skills in South African business law. The course blends a conceptual theoretical framework with a range of practical applications and covers the basic discipline material through to more specialised accounting concepts.
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| Bachelor of Commerce                                                | On-campus (Clayton)  | 3 years FT 6 years PT | 90.3                | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 9425                          |
| Bachelor of Commerce (Accounting and Finance)                       | On-campus (Clayton)  | 3 years FT 6 years PT | 91.8                | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 9425                          |
| Bachelor of Commerce (Dean's Scholars Program)                      | On-campus (Clayton)  | 3 years FT 6 years PT | N/A                 | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | N/A                           |
| Bachelor of Economics                                               | On-campus (Clayton)  | 2 years FT 6 years PT | 90.9                | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 9425                          |
| Bachelor of Arts (Global) and Bachelor of Commerce                  | Off-campus (Clayton) | 4 years FT 8 years PT | 93.25               | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 7536                          |
| Bachelor of Arts and Bachelor of Commerce                           | Off-campus (Clayton) | 4 years FT 8 years PT | 93                  | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 7536                          |
| Bachelor of Arts and Social Sciences and Bachelor of Business and Commerce | Off-campus (Clayton) | 4 years FT 8 years PT | Individual offer    | VCE: Units 1 and 2 – two units (any study combination) from general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 7536                          |
| Bachelor of Biomedical Science and Bachelor of Commerce             | On-campus (Clayton)  | 4 years FT 8 years PT | 94.15               | VCE: Units 3 and 4 – a study score of at least 25 in English (ESL) or 30 in any other English, a study score of at least 25 in chemistry and mathematical methods (CAS) or specialist mathematics.  
IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 5 in mathematical methods SL or 3 in mathematics HL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 9424                          |
| Bachelor of Business (Accounting) and Bachelor of Business (Banking and Finance) | On-campus (Clayton)  | 4 years FT 8 years PT | 87.4                | VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (any).  
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 5 in mathematical methods SL or 3 in mathematics HL.  
Note: Special entry requirements apply. Please see Monash Course Finder for details. See www.monash.edu/study/coursefinder | 9425                          |
Bachelor of Business (Accounting) and Bachelor of Business (Management)
This course helps create future leaders fluent in the language of business. It combines knowledge of management and its focus on people and human endeavour with accounting, which captures, measures and communicates economic information. This gives Monash graduates a head start toward leading a small team of professionals, a department within a major organisation or even a large company. Students gain a broad understanding and appreciation of management issues while earning a professional qualification in accounting.

Bachelor of Business (Management) and Bachelor of Business (Marketing)
Management and marketing professionals are responsible for the identity of a business and the way it relates to its customers or clients. This double degree offers an understanding and appreciation of management issues and emphasises the role of marketing. It is designed to provide graduates with high-level skills in a range of key business disciplines with specific emphasis on management and marketing skills.

Bachelor of Business and Commerce and Bachelor of Communication
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Business and Commerce and Bachelor of Visual and Media Arts
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Civil and Environmental Engineering and Bachelor of Business and Commerce
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Commerce and Bachelor of Business Information Systems
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Commerce and Bachelor of Economics
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Commerce and Bachelor of Science
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information.

Bachelor of Journalism and Bachelor of Business
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

Bachelor of Journalism and Bachelor of Commerce
This degree is a combination of the two single degrees mentioned. Please see the individual descriptions for more information. This course is offered at Clayton but includes attendance at Caulfield for some required units.

Diploma of Business
This course provides a pathway to tertiary education for supervisory and administrative personnel whose knowledge is largely self-developed. It is designed to provide a broad knowledge base in business and develop in students the management skills to recognise and implement improvement opportunities within organisations.

1202 Indicative CSP fee (A$): The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder
Business and Economics majors

Business and Economics programs are offered on the Berwick, Caulfield, Clayton, Gippsland, Peninsula, Malaysia and South Africa campuses and by off-campus learning. The majors available vary between campuses as indicated below.

<table>
<thead>
<tr>
<th>Major</th>
<th>Berwick</th>
<th>Caulfield</th>
<th>Clayton</th>
<th>Gippsland</th>
<th>Peninsula</th>
<th>Malaysia</th>
<th>South Africa</th>
<th>Off-campus</th>
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*Subject to University approval.
**Can only be undertaken as a second major.
Learning to teach
We give aspiring educators the chance to learn from today's leaders in education. If your ambition is to work in the field of sport and outdoor recreation, or to teach young children, adolescents or adults, if you want to specialise or combine your teaching qualifications with another degree, you can learn from the experts. Their skilled guidance ensures you will be ready for a successful career or further study when you graduate.

Choose your own path
At Monash you have the choice to follow your own ambitions. You can specialise in early childhood, primary or secondary teaching, adult learning and development, or within the field of sport and outdoor recreation. Even more, you can choose to increase your career options by combining education studies with a range of double degrees in arts, arts and social sciences, business, commerce, music, science, sport and outdoor recreation or visual arts.

With these choices you can make sure you graduate with the expertise that is right for you and have a greater flexibility in choosing to pursue a career as an educator or in a number of other employment areas associated with your second degree.

Industry-based learning
We understand that educators need more than just great guidance. That's why we give each of our students the chance to gain their own experience by completing professional teaching placements in Australia and overseas.

Opportunities are provided in a range of metropolitan, rural and remote locations, as well as overseas locations including the Cook Islands and South Africa. Sport and Outdoor Recreation students gain valuable hands-on experience through fieldwork and professional placements, which include coaching and instruction, camp management and leadership, as well as education.

We have embraced a bold new opportunity to contribute to future generations with the opening of the $20 million John Monash Science School in the heart of the science and research precinct at the Clayton campus. We work collaboratively with the school, and give our student teachers the chance to gain hands-on experience by taking their professional placement at the school.

New course in 2013
The Faculty of Education will introduce a Bachelor of Education (Special Education) course in 2013. The course will be delivered at the Monash Berwick campus and will cater for those wishing to focus on Special Education from the primary years through to Year 10. For further information visit the faculty website.

Enquiries
future@monash.edu
1800 MONASH

Francis Chen
Bachelor of Sport and Outdoor Recreation

After commencing his studies with a Diploma in IT at home in Singapore, Francis then decided to pursue his interest and passion for the outdoors. He relocated to Australia to study a Bachelor of Sport and Outdoor Recreation at Monash University. After graduating in 2004, he found himself gravitating towards outdoor experiential learning environments with adolescents and corporate programs. Recognising that sharing his passion for the outdoors with others was his chosen path, he decided to return to Monash to gain formal teaching qualifications.

He completed a Graduate Diploma of Education (Secondary) in 2007 and is now teaching at the Alpine School Campus – School for Student Leadership. “I am very fortunate to have been given a chance to work at the Alpine School, nestled right in the beautiful Victorian Alps,” he says: “I am working in a school which encompasses my ideal educational setup – experiential and in the outdoors. It provides real life learning and challenges, together with the most important ingredient of enjoyment, in an extended community”.

*In the latest Excellence in Research for Australia (ERA) report published by the Australian Government’s Australian Research Council in 2010.

The Monash online Course Finder lists courses available for study in 2012. New courses commencing in 2013 will be listed from July 2012. www.monash.edu/study/coursefinder
**Fields of study**

### Early Childhood and Primary Education degrees

The early years of learning are critical to a child and teachers can play an important role, making a real difference in these formative years, enabling children to reach their full potential. Education at Monash has a wide range of study programs for those keen to work in early childhood and primary education. Single degrees include the Bachelor of Early Childhood Studies, Bachelor of Early Childhood Education, Bachelor of Primary Education and Bachelor of Education (P-10). Students can also choose to combine Education studies with a degree in Arts, Arts and Social Sciences, Music, Science, Sport and Outdoor Recreation or Visual Arts by undertaking a double degree.

Both the single and double degrees are taught across four years, providing an excellent foundation and sound preparation for working in the early childhood and/or primary education environments. They enable students to develop their skills and knowledge to a high level. Graduates develop a contemporary philosophy of education with extensive experience gained through a range of professional placements in schools and other settings.

Both our Early Childhood and Primary programs provide graduates with a recognised teaching qualification. Primary Education graduates are eligible to register with the Victorian Institute of Teaching (VIT) to teach in Victorian primary schools. Graduates from the Bachelor of Education (P-10) graduates can also register with the VIT and will be qualified to teach in both primary and secondary school settings.

Double degree graduates can also pursue careers in a wide range of professions associated with their major studies in arts, arts and social sciences, music, science, sport and outdoor recreation or visual arts.

*The Bachelor of Early Childhood Studies allows for recognition of prior learning (RPL) and can be completed in two years full-time.*

### Bachelor of Adult Learning and Development

This program offers a contemporary approach to adult, workplace and community education and development. It has been designed for people with an existing university qualification who are working and leading in the adult education field in areas such as TAFE, private or Adult Community Education (ACE) providers, or industry/corporate sector training and development. The program offers flexible study options to suit working professionals who want to upgrade their formal qualifications and enhance their professional career.

On-campus (Clayton) 2 years FT N/A Applicants are expected to possess relevant experience and/or post-school qualifications (part or whole). Recognised prior experience and qualifications include appropriate combinations of:
- Relevant work/community experience;
- TAA Training and Assessment qualification;
- Certificate IV in Assessment and Workplace Training;
- Diploma of Training and Assessment Systems;
- Other education and training qualifications.

### Bachelor of Early Childhood Education

This degree has been specifically designed for students with a strong interest in the development of children aged from birth to 12 years. The degree provides students with a recognised early childhood and primary teaching qualification. Throughout the program, students complete a wide range of specialised units including curriculum development and integration, health and well being and professional engagement. Students complete a minimum of 135 days of satisfactory professional placements during the course. The placement program provides students with valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

On-campus (Peninsula) 4 years FT 75.1 VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.

BB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

### Bachelor of Early Childhood Studies

This program is designed for people with experience and qualifications in early childhood education who want to upgrade their formal qualifications. Students gain a better understanding of child development, learning theories, curriculum development and teaching practices. This program provides students with a recognised early childhood education qualification to degree level. It is a two-year program that builds on existing Diploma of Children’s Services (or equivalent) qualifications and offers flexible study options to suit working professionals. The program includes a minimum of 80 days of satisfactory professional placement which provides students with valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

Multi-mode (City/Off-campus (Singapore)) 3 years PT N/A All students entering the course will do so with advanced standing. To be eligible for admission students must hold a graded Diploma of Children’s Services (or equivalent) awarded by an Australian registered training organisation (i.e. TAFE or private provider) or other qualifications and experience deemed by the faculty to be equivalent to a satisfactory substitute.

### Bachelor of Education (P-10)*

This program is suited to students who are seeking a Primary and Secondary teaching qualification. The program covers all aspects of the curriculum, from Prep throughout the primary years to Year 10. It covers foundation education and curriculum studies, and also provides graduates with an opportunity to develop skills and knowledge to teach specialised secondary curriculum areas up to Year 12. Students complete a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

On-campus (Berwick) 4 years FT 70.7 VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.

BB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

### Secondary Education degrees

A Secondary education teaching qualification will give you the skills and knowledge to become a specialist curriculum teacher in secondary schools. Monash is renowned for producing high quality secondary school educators. Secondary education programs at Monash include studies in adolescent learning, curriculum development, assessment, language and literacy and will qualify you to teach in two curricular streams.

You will gain an understanding of the nature of education, classroom teaching and practice in schools, and the relationship between education and society.

Secondary education at Monash is delivered as a double degree, ensuring a solid foundation of specialist knowledge for your teaching career and beyond. Studies in secondary education can be combined with a Bachelor of Arts, Commerce, Music, Science, Sport and Outdoor Recreation or Visual Arts. The double degree will give you qualifications allowing you to teach in two curriculum areas such as Accounting, Biology, Chemistry, Drama, Economics, History and Geography, IT, Languages, Mathematics, Outdoor or Physical Education and Visual Arts.

All Monash Secondary Education degrees are recognised and approved by the Victorian Institute of Teaching (VIT). Graduates are eligible for registration with the VIT and can seek employment nationally and overseas (subject to registration). Graduates can also pursue careers in a wide range of professions associated with their double degree studies in arts, commerce, music, science, sport and outdoor recreation or visual arts.

### Education degrees

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<tr>
<th>Course</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Cut-off in ATAR</th>
<th>Prerequisites</th>
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</thead>
</table>
| Bachelor of Adult Learning and Development | On-campus (Clayton) | 2 years FT | N/A | Applicants are expected to possess relevant experience and/or post-school qualifications (part or whole). Recognised prior experience and qualifications include appropriate combinations of:
- Relevant work/community experience;
- TAA Training and Assessment qualification;
- Certificate IV in Assessment and Workplace Training;
- Diploma of Training and Assessment Systems;
- Other education and training qualifications. |

| Bachelor of Early Childhood Education | On-campus (Peninsula) | 4 years FT | 75.1 | VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.

BB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject. |

| Bachelor of Early Childhood Studies | Multi-mode (City/Off-campus (Singapore)) | 3 years PT | N/A | All students entering the course will do so with advanced standing. To be eligible for admission students must hold a graded Diploma of Children’s Services (or equivalent) awarded by an Australian registered training organisation (i.e. TAFE or private provider) or other qualifications and experience deemed by the faculty to be equivalent to a satisfactory substitute. |

| Bachelor of Education (P-10)* | On-campus (Berwick) | 4 years FT | 70.7 | VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.

BB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject. |

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*This course will require study across multiple campuses. For further information please consult the Monash online Course Finder.*
Bachelor of Primary Education
Primary teaching is one of the most rewarding fields of education. Teachers help children develop their creative, physical, personal, intellectual and social capacities, and their essential literacy and numeracy skills. This course gives students a comprehensive background in teaching Primary curriculum in areas including mathematics, science, art, sustainability and literacy. Valuable classroom experience is gained by completing a minimum of 80 days of satisfactory professional placements.

On-campus (Gippsland, Peninsula)
- 4 years FT
- Course duration: 71.3, 75.1
- Prequisites: VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Sport and Outdoor Recreation
The study of sport and outdoor recreation is tailor-made for people who have an interest in the relationship between physical activity, health and wellbeing, sustainability, leadership and education, and sports and movement studies. Throughout this course students complete units in areas including coaching, adventure education and outdoor leadership. During the program, students undertake exciting professional placements and practical fieldwork. Students also complete electives and a minor sequence selected from a range of business, science, arts and education units.

On-campus (Peninsula)
- 3 years FT
- Course duration: 73.15
- Prequisites: VCE: Units 1 and 2 – two units of mathematics (any) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Double degrees

Bachelor of Arts and Bachelor of Education (Primary)*
This double degree is suited to students who are interested in a Primary teaching career, as well as broadening their knowledge and expertise by studying a major and minor sequence chosen from a wide range of Arts study areas available. Core education studies focus on teaching and children’s learning in areas such as English, mathematics, health and physical education and science. Students undertake a minimum of 80 days of satisfactory professional placement in schools which may include some overseas locations. The placement program provides students with valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

On-campus (Peninsula)
- 4 years FT
- Course duration: 87.25
- Prequisites: VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Arts and Bachelor of Education (Secondary)*
Suitable to students interested in pursuing a career in Secondary teaching, this program also offers the opportunity to undertake an Arts major and minor sequence. Core education studies focus on teaching and learning as well as curriculum and assessment, professional engagement and adolescent development and learning. This double degree prepares students to teach in two Secondary curriculum areas. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

On-campus (Clayton)
- 4 years FT
- Course duration: 85.25
- Prequisites: VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Arts and Social Sciences and Bachelor of Education (Primary)*
This double degree program is suited to students who are interested in a Primary teaching career, as well as broadening their knowledge and expertise by studying electives and a major and minor sequence chosen from a wide range of Arts and Social Science study areas available. Core education studies focus on teaching and children’s learning in areas such as English, mathematics, health and physical education and science. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

On-campus (Gippsland)
- 4 years FT
- Course duration: Contact Monash
- Prequisites: VCE: Units 1 and 2 – two units (any study combination) of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Business and Bachelor of Sport and Outdoor Recreation
Sport is a global business and the cultural and economic influences of sport can have a profound impact on communities around the world. Combining sport and outdoor recreation with business studies in this double degree gives Monash graduates the opportunity to get a head start in a passionate and competitive industry. This course encourages the development of confident and competent professionals, combining knowledge and skills from the fields of business, sport and outdoor recreation.

On-campus (Peninsula)
- 4 years FT
- Course duration: 80.05
- Prequisites: VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any).
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Commerce and Bachelor of Education (Secondary)*
This double degree is suited to students seeking a career teaching business and commerce-related subjects in secondary schools, and those who also want the option of a professional career in business. The commerce degree will encompass core business units providing a solid framework for a business career, as well as electives chosen from fields including economics, accounting and management. Depending on the subjects studied, the requirements for membership of professional business/commerce associations may be satisfied.

Secondary education studies focus on adolescent learning and the nature of education, classroom teaching and practice in schools, education and its relationship to society and planning implementation and evaluation of the school curriculum. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

On-campus (Clayton)
- 4 years FT
- Course duration: Contact Monash
- Prequisites: VCE: Units 3 and 4 – a study score of 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

Bachelor of Music and Bachelor of Education (Secondary)*
This double degree is suited to students who are interested in a Secondary teaching career, as well as broadening their knowledge and expertise by studying specialised Music units and study pathways. Core education studies focus on teaching and learning as well as curriculum and assessment, professional engagement and adolescent development and learning. This double degree prepares students to teach in two Secondary curriculum areas related to Music. Students undertake a minimum of 80 days of satisfactory professional placement in schools which may include some overseas locations. The placement program provides students with valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

On-campus (Clayton)
- 4 years FT
- Course duration: Range of criteria
- Prequisites: VCE: Units 1 and 2 – two units (any) study combination of general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.

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*This course will require study across multiple campuses. For further information please consult the Monash online Course Finder.
Bachelor of Music and Bachelor of Education (Primary)*
This double degree is suited to students with a passion for music, who want to share their passion with students in primary schools. By combining studies of music with the theory and practice of teaching, graduates will qualify as a music professional and as a primary school teacher. Core education studies focus on teaching and children’s learning in areas such as English, mathematics, health and physical education and science. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

Bachelor of Science and Bachelor of Education (Secondary)
This program is suited to students who are interested in a Secondary teaching career, as well as broadening their knowledge and expertise by studying a major and minor sequence chosen from the wide range of Science study areas available. Core education studies focus on teaching and learning as well as curriculum and assessment, professional engagement and adolescent development and learning. This double degree prepares students to teach in two Secondary curriculum areas related to Science. Students undertake a minimum of 60 days of satisfactory professional placement in schools which may include some overseas locations. The placement program provides students with valuable teaching experience and connects the theoretical components of their studies with the practical aspects of teaching.

Bachelor of Science and Bachelor of Education (Primary)*
This double degree is a fantastic option for people with an interest in science and a desire to share scientific knowledge with others. It provides graduates with the choice of a career in science or a career in science education. Core education studies focus on teaching and children’s learning in areas such as English, mathematics, health and physical education and science. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

Bachelor of Sport and Outdoor Recreation and Bachelor of Education (Primary)*
This double degree allows students to combine a passion for sport and outdoor recreation with the rewards of a career as an educator. Students undertake studies in sport and outdoor recreation simultaneously with studies covering the theory and practice of teaching. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching. Graduates will be confident and competent educators who are able to specialise their teaching career in physical education and outdoor education. In addition, they will be qualified to work in a range of positions in the sport and outdoor recreation industries.

Bachelor of Sport and Outdoor Recreation and Bachelor of Education (Secondary)*
The Bachelor of Sport and Outdoor Recreation/Bachelor of Education (Secondary) is suited to students who are interested in a Secondary teaching career, as well as broadening their knowledge and expertise by studying specialist units and study pathways chosen from the wide range of Sport and Outdoor Recreation study areas available. Core education studies focus on teaching and learning as well as curriculum and assessment, professional engagement and adolescent development and learning. This double degree prepares students to teach in two Secondary curriculum areas related to Physical and outdoor education and/or another curriculum area. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience.

Bachelor of Visual Arts and Bachelor of Education (Primary)*
This double degree is well suited to students who want to develop their artistic skills in one or more visual media, who are looking towards a career in the creative and visual arts, or who want to share their passion and creativity with others by taking up a career in visual arts education. Visual arts studies can be taken in painting, sculpture, printmaking, photography, media of art and design, and visual arts studio. Students will develop skills and creativity as they progress through the program, learning from active practitioners in visual art. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience and connects theory to the practice of teaching.

Bachelor of Visual Arts and Bachelor of Education (Secondary)*
This double degree is suited to students who are interested in a Secondary teaching career, as well as broadening their knowledge and expertise by studying specialist units and study pathways chosen from the wide range of Visual Arts study areas available. Core education studies focus on teaching and learning as well as curriculum and assessment, professional engagement and adolescent development and learning. This double degree prepares students to teach in two Secondary curriculum areas related to Visual Arts. Students undertake a minimum of 80 days of satisfactory professional placement which provides valuable teaching experience.

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*This course will require study across multiple campuses. For further information please consult the Monash online Course Finder.

2012 Indicative CSP fee: The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder
Avon Perera
Bachelor of Engineering in the field of Mechanical Engineering and Bachelor of Design (Industrial Design)

Avon Perera has entered a new world of training dragons and walking with dinosaurs. Avon completed a double degree in Mechanical Engineering and Industrial Design at Monash University and now utilises his skills everyday at The Creature Technology Company (CTC).

“The CTC was formed to create full-scale naturalistic dinosaurs for Walking with Dinosaurs – the Arena Spectacular. Since then we have created a second touring show of Walking with Dinosaurs as well as an ongoing project based on bringing King Kong to the stage. Our latest project is an adaptation of Dreamworks’ movie ‘How to Train Your Dragon’ as an arena spectacular”, says Avon.

Avon’s work is inspired by Theo Jansen – a remarkable artist who creates kinetic sculptures – who once said, ‘the walls between art and engineering exist only in our minds’. Avon says his double degree has allowed him to combine his artistic and technical skills and helped him land his dream job.

“The majority of my role revolves around the mechanical design of (primarily) steel components and mechanisms, so I draw a lot upon the principles taught in the mechanical engineering subjects, as well as the requisite CAD subjects. CAD is pretty much a staple of modern day engineering and really helped the company push the boundaries of creature design and visualisation.”

Preparing students for leadership and success

Not everyone is sure which engineering field they want to study. That is why we created an engineering degree that gives you more choice and flexibility than anywhere else. You will also walk away with more than a piece of paper with enrichment activities and programs designed to equip you for the workforce.

Monash University undertakes innovative research addressing national and international priorities. As an undergraduate engineering student you will have the opportunity to participate in this research.

The Monash difference

— Complete your engineering qualification in just four years with a Monash Bachelor of Engineering or study for five years and graduate with a double degree.
— The common first year allows you to choose an engineering specialisation after your first year, giving you time to decide what area to pursue.
— Monash offers a range of double degrees to broaden your career options; for the full list please refer to the table on page 44.
— Engage with industry employers through a wide range of opportunities.
— Around 250 scholarships, awards and prizes are awarded annually.
— You can gain an international education experience by studying abroad with our partner universities in countries such as China, Malaysia, US, Canada, the UK and Sweden.
— Study on a campus that hosts outstanding facilities, including the largest wind tunnel in the Southern Hemisphere, fully-equipped optical communications laboratories and the Centre for Electron Microscopy.
— And if you achieve an H1 honours weighted average in your studies, we guarantee you a scholarship to undertake a higher degree by research (Masters and/or PhD).
**Bachelor of Engineering**

Advances in medical technology, improving water supplies, nanotechnology discoveries, sophisticated telecommunication systems, aerospace materials, ‘green’ buildings, are all a result of engineering. Engineers convert science knowledge into technology, and then convert technology into successful innovation.

In the Bachelor of Engineering you will study a common first year before you choose which engineering discipline to specialise in. Disciplines available with the Bachelor of Engineering are Chemical Engineering, Civil Engineering, Electrical and Computer Systems Engineering, Materials Engineering and Mechanical Engineering.

The Bachelor of Engineering is also available with a variety of double degrees. See table on page 44.

**Chemical engineering**

Many everyday things we take for granted, such as batteries, film, mobile phones, paper, petrol, polymers, clean power, food and beverages, all involve chemical engineering at some stage of their manufacture.

Based in chemistry, physics and mathematics, chemical engineering involves the economic and safe design, operation and management of chemical and physical processes that convert, with minimal environmental impact, raw materials into useful and valuable products.

**Civil engineering**

Civil engineers design, build, maintain, manage and operate infrastructure for the benefit of society. Modern societies could not function without civil engineering.

Various types of infrastructure within the civil engineering discipline include highways and railways, buildings and structures, foundations, tunnels, airports, road systems and harbour facilities for transportation of goods and people, space stations, power generation facilities, water and wastewater treatment plants and distribution systems.

**Electrical and computer systems engineering**

Electrical and computer systems engineers investigate, plan, design, develop, construct, test, market and maintain a wide range of products and systems, from broadcasting and telecommunications to blood analysers and from power generation to robotics.

This branch of engineering is extremely diverse, taking in electronics, computer systems, telecommunications, biomedical engineering, control, robotics and electrical energy engineering.

**Materials engineering**

Materials engineers can control and change the properties or behaviour of materials to make new materials and improve existing ones. Materials engineers make a unique contribution to the design of a new device, product or component and make existing ones more functional, sustainable and cost effective.

Their work covers everything from the thermal protection of a space shuttle, to high-tech artificial hip and cochlear implants, from investigating nano-particles that can seek and destroy cancer to advanced battery systems for green electric cars, artificial hearts and laptop computers.

**Mechanical engineering**

Mechanical engineering is about converting energy into motion and power. It covers the generation, conversion, transmission and use of mechanical and thermal energy and includes the design, construction and operation of devices and systems.

Mechanical engineers work on aircraft engines and cars, climate control systems, electrical generators, propulsion systems, renewable energy systems, robots, and power plants, to name a few.
Choose from a wide selection of double degrees and specialisations

<table>
<thead>
<tr>
<th>Engineering degrees</th>
<th>Double degree combinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace</td>
<td>Architectural Design</td>
</tr>
<tr>
<td>Chemical</td>
<td></td>
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<tr>
<td>Civil</td>
<td></td>
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<tr>
<td>Civil and Environmental</td>
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<tr>
<td>Electrical and Computer Systems</td>
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<tr>
<td>Environmental</td>
<td></td>
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<tr>
<td>Materials</td>
<td></td>
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<tr>
<td>Mechanical</td>
<td></td>
</tr>
<tr>
<td>Mechatronics</td>
<td></td>
</tr>
</tbody>
</table>

**Engineering**

**Campus**
- On-campus (Clayton)
- On-campus (Gippsland)
- On-campus (Clayton, Malaysia)
- On-campus (Clayton)

**Course duration**
- 4 years FT
- 8 years PT
- 4 years FT
- 8 years PT

**2012 Clearly in ATAR**
- 90.5
- 70.15
- 91.7
- 90.05
- 90

**Prerequisites**
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.
- IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 3 in mathematics HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL or 4 in physics SL or 3 in physics HL.

**Bachelor of Aerospace Engineering**
Aerospace engineers design, develop and maintain flight vehicles. They work with aerodynamics, aerostuctures, avionics, propulsion, material science and computational simulation. Graduates can work in the areas of design, manufacturing, research and development, and airworthiness operations. Or beyond traditional aerospace applications such as management consulting or finance, energy production and conservation. Formula One teams also employ many aerospace engineers.

**Bachelor of Civil and Environmental Engineering**
Civil and environmental engineering combines the skills of a civil engineer to design, build, maintain and operate infrastructure for the benefit of society with the expertise in sustainable development of an environmental engineer. It involves designing, building, maintaining and operating infrastructure such as road systems, marine and wetland developments and recreational facilities. It can also involve working on projects such as mining and landfill site restoration.

**Bachelor of Computer Systems Engineering**
This degree involves the design, analysis, implementation and application of embedded computers and digital systems for a huge range of products and industries. Computer systems engineers are involved in large computer systems, desktop computers, high definition television and embedded computers for mobile phones, video games, virtual reality systems and smart domestic appliances.

**Bachelor of Engineering**
This course has a common first year which lays basic foundations in mathematics, physics and chemistry and allows students to sample the engineering disciplines before they choose their specialisation. Engineering specialisations to choose from are chemical, civil, electrical and computer systems, materials, mechanical and mechatronics engineering (Malaysia campus only).

**Bachelor of Environmental Engineering**
This branch of engineering has a profound impact on health and quality of life. Environmental engineering is about creating sustainable solutions to environmental problems. A multidisciplinary branch of engineering, it involves the implementation and management of engineering solutions and programs that are in harmony with the principles of sustainable design and development. This is the heart of sustainability. Graduates might work in air pollution control, water supply, land management, impact assessment, hazardous waste management, energy production, storm water and wastewater management.
Bachelor of Mechatronics Engineering
Mechatronics is at the cutting-edge of creating smarter products, devices and processes. Mechatronics engineers will improve the performance, features and functionality of everyday products and advanced appliances. The processes and production lines used to make these and many other products are also mechatronic in nature.

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP Fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Mechatronics Engineering</td>
<td>On-campus (Clayton)</td>
<td>4 years FT 8 years PT</td>
<td>92.4</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
<td>7250</td>
</tr>
</tbody>
</table>

Double degrees
Bachelor of Aerospace Engineering and Bachelor of Arts
Combine structured and technical studies in aerospace engineering with the broad and flexible options of an arts degree. See individual course descriptions for more information on each course.

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP Fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Aerospace Engineering and Bachelor of Science</td>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>92.35</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
<td>5648</td>
</tr>
</tbody>
</table>

Bachelor of Commerce and Bachelor of Aerospace Engineering
Combine studies in aerospace engineering with a commerce degree. This program combines the advanced technology of aerospace engineering with modern management theory and practice, equipping graduates for leadership roles in the aerospace engineering industry. See individual course descriptions for more information on each course.

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP Fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Commerce and Bachelor of Engineering</td>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>93.4</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
<td>8050</td>
</tr>
</tbody>
</table>

Bachelor of Commerce and Bachelor of Mechatronics Engineering
Combine studies in mechatronics engineering with a commerce degree. This course is for potential mechatronics engineers who wish to develop knowledge of the economic, social, organisational and managerial aspects of engineering. See individual course descriptions for more information on each course.

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP Fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering and Bachelor of Architectural Design</td>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>93.5</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
<td>8050</td>
</tr>
</tbody>
</table>

Bachelor of Engineering and Bachelor of Arts
The opportunity to combine structured and technical studies in engineering with the broad and flexible options of an arts degree. Communications skills acquired in an arts degree complement the vocational skills gained in engineering. For the arts component, students study a major sequence, a minor sequence, another first-year sequence and further units in any discipline offered by the Faculty of Arts at Clayton campus. The Bachelor of Engineering and Bachelor of Arts is offered in combination with chemical, civil, electrical and computer systems, materials or mechanical engineering. See individual course descriptions for more information on each course.

<table>
<thead>
<tr>
<th>Engineering</th>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP Fee (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Engineering and Bachelor of Arts</td>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>91.5</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
<td>6750</td>
</tr>
</tbody>
</table>
## Bachelor of Engineering and Bachelor of Design (Industrial Design)

Graduates from this degree have the technological and creative skills required to meet the demands of high-tech consumer product design and work as product design engineers, blending engineering with the humanities including practical, creative and problem-solving skills. Students complete core units in mechanical engineering alongside units to develop an understanding of the theories of perception, problem solving in design and creativity.

See individual course descriptions for more information on each course.

### Course Details

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearing #</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>Range of criteria</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.</td>
</tr>
</tbody>
</table>

### Fee Information

2012 Indicative CSP fee (A$): 6750

Refer to [www.monash.edu/fees](http://www.monash.edu/fees) for the latest course details.
Information Technology

Monash is the only research-intensive Group of Eight university with a dedicated Information Technology faculty. That means when you join us, you are part of a community that recognises IT is changing almost everything we do – the way we communicate, the way business is conducted and the way entertainment is experienced.

www.infotech.monash.edu

Student-focused
We put our IT students first when we design our courses. We offer a comprehensive program that lets you experience all the IT world has to offer. And we give you access to experts, subjects, technology and professional experience that is relevant to the career you want to pursue within one of the world’s most dynamic fields.

The perfect FIT
Our common core units across all IT degrees will give you a solid foundation in the key areas of computing and information technology. As you progress in your degree, you have the choice of unique subjects that will give you the confidence to specialise in an area of interest.

Industry-based learning
You will gain a competitive advantage by completing placements with industry partners for one or two 22-week periods. And you can take on the challenge of graduate-level work during your degree.

Over 80 per cent of all Industry Based Learning graduates are employed by our industry partners, including prestigious organisations such as Deloitte, KPMG, PricewaterhouseCoopers, ANZ, National Australia Bank, Accenture, AXA, Coles, General Electric and IBM.

Enquiries
future@monash.edu
1800 MONASH

Trent Rebeiro
Bachelor of Information Technology and Systems
Touched by an entrepreneurial streak, Trent Rebeiro has taken his high school hobby and turned it into a successful web development business – Southern Pacific Digital. He achieved this while studying a Bachelor of Information Technology and Systems at Monash.

“I chose this course because it contains a broad range of units that covered each topic that linked in with each other to provide a more comprehensive understanding of the IT fields,” Trent says.

The Multimedia Applications major allowed him to focus on the multimedia interests closest to his heart. “I chose the multimedia major steam because I quite enjoyed animating and producing digital content which I often did as a pastime when in high school. This course is essentially an extension to my knowledge.”

Want more course info? Scan here
Bachelor of Computer Science

Computer science is concerned with the scientific study and design of computer software and hardware. It covers software development, programming, hardware, and theoretical foundations. These are studied in the context of applications in science and industry. While the course teaches current technology, it emphasises the general foundations of computation.

What makes it great

The nature of the studies positions graduates well to not only work on current technology, but also develop the next generation of information technology and to shape the future of computing.

High-achieving local students in all IT undergraduate degrees may apply for a place in the Industry-Based Learning (IBL) program in which they complete a 22-week industry placement and receive a scholarship of up to $19,000. The placement is part of the curriculum and is formally assessed and credited towards the degree.

Once you’ve graduated

Graduates are in demand and may gain employment in a wide variety of roles such as software engineers, systems analysts, technology consultants, and algorithm designers. Successful graduates often perform research and development in exciting areas such as artificial intelligence, bioinformatics, networking and cryptography, computer games, multimedia, and robotics.

Bachelor of Information Technology and Systems

Information technologies and computer-based systems of many kinds are now central to the operations of almost all organisations in business, industry, and government. In recent years, they have also played an increasingly important part in people’s personal lives for social and recreational purposes. The global spread of information technologies has created a worldwide need for skilled professionals to design, develop and implement computer-based systems. The aim of this degree is give students the opportunity to explore all aspects of IT and its uses, and to produce graduates with knowledge and skills in a variety of key areas of IT and computer-based systems.

The degree offers units across the complete spectrum of IT. These range from units in non-technical aspects such as the nature of information and organisational needs for IT, through the hardware, software, network and multimedia technologies which are used to satisfy these needs, to the development and management skills needed to create and implement computer-based systems. Students can choose to specialise in a particular area of IT or select from a variety of areas according to their aptitude and interests.

High-achieving local students in all IT undergraduate degrees may apply for a place in the Industry-Based Learning (IBL) program in which they complete a 22-week industry placement and receive a scholarship of up to $19,000. The placement is part of the curriculum and is formally assessed and credited towards the degree.

Once you’ve graduated

IT professionals are found in every industry and workplace, from business, government and health care, to sports and entertainment. The breadth of content in the degree means that it supports a wide range of possible career paths in all aspects of IT, ranging from technical areas such as programming, software and systems development, hardware and network implementation and support, through to less technically-oriented areas such as information management and systems analysis and design.
Bachelor of Business Information Systems
Business information systems experts provide IT solutions for business problems. As this role demands graduates be familiar with today’s business world, industry partners provide ongoing input into the development of this course. Students can apply to complete two 22-week Industry Based Learning placements and receive a generous scholarship of up to $34,000.

On-campus (Clayton) 3 years FT 6 years PT 85.1 VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in further mathematics or at least 20 in mathematical methods (CAS) or specialist mathematics.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 4 in further mathematics HL.
7750

Bachelor of Computer and Information Sciences
Computer and information science professionals must be flexible and have a broad knowledge of computer-based systems to meet the needs of major businesses. Students in this degree get experience across a range of options from technical computing to information and business related themes. It is flexible, and lets students opt for breadth or focus their studies by completing majors in applications development and networks or business systems.

On-campus (South Africa) 3 years FT 6 years PT N/A Contact Monash N/A

Bachelor of Computer Science
Computer scientists shape the future of computer software and hardware. They power developments across entertainment, internet technology, scientific research and computer security. This course reflects the dynamic nature of the field, focusing on software development, computer architecture, and the underlining theory of computation that will drive future computer science breakthroughs. Students can apply for a 22-week Industry Based Learning placement and receive a generous scholarship of up to $19,000.

On-campus (Malaysia, Clayton) 3 years FT 6 years PT 85.05 VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 20 in mathematical methods (CAS) or specialist mathematics, or at least 35 in further mathematics.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in mathematics SL or 3 in further mathematics SL or 6 in mathematical studies SL or 3 in mathematics HL.
7500

Bachelor of Information Technology and Systems
Information technology and systems explores the complete spectrum of IT – from non-technical areas, through hardware, software, network and multimedia technologies to the creation of entire systems. This degree offers great flexibility, with students able to select from seven major study areas. Students can apply for a 22-week Industry Based Learning placement and receive a generous scholarship of up to $19,000.

Off-campus (Gippsland) 3 years FT 6 years PT 75.2 VCE: Units 1 and 2 – two units (any study combination) from general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.
8050

Bachelor of Software Engineering
Software engineers are responsible for the design and construction of large, complex systems, which must meet critical information processing challenges within the strict business constraints of cost, time and risk management. Monash prepares students for this work by exposing them to advanced problem-solving, programming, and software development and processing issues. Students can apply for a 22-week Industry Based Learning placement and receive a generous scholarship of up to $19,000.

On-campus (Clayton) 4 years FT 8 years PT 84.95 VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 20 in mathematical methods (CAS) or specialist mathematics, or at least 35 in further mathematics.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in mathematics SL or 3 in further mathematics SL or 6 in mathematical studies SL or 3 in mathematics HL.
7750

Double degrees

Bachelor of Business and Commerce and Bachelor of Information Technology and Systems
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

Off-campus (Gippsland) 4 years FT 8 years PT 76.85 VCE: Units 1 and 2 – two units (any study combination) from general mathematics or mathematical methods (CAS) or Units 3 and 4 – mathematics (any), Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.
8300

2012 Indicative CSP fee: The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder

Information Technology majors

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<tr>
<th>Undergraduate courses</th>
<th>Caulfield</th>
<th>Clayton</th>
<th>Gippsland</th>
<th>Malaysia</th>
<th>South Africa</th>
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<tbody>
<tr>
<td>Bachelor of Information Technology and Systems</td>
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<tr>
<td>General version</td>
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<td>Applications development</td>
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<td>Applications development and networks</td>
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<td>Business systems</td>
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<td>Enterprise information management</td>
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<td>Games development</td>
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<tr>
<td>Information and communications technology</td>
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<td>Multimedia development</td>
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<tr>
<td>Bachelor of Business Information Systems</td>
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<tr>
<td>Bachelor of Computer Science</td>
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<td>Computational science</td>
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<td>Systems development</td>
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<td>Decision support</td>
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<tr>
<td>Bachelor of Software Engineering</td>
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</table>
Leading the legal profession

Some of the most senior positions in the Australian legal profession are held by Monash Law graduates. Within Victoria, these include the Chief Justice of the Supreme Court of Victoria, Chief Judge of the County Court and the Chief Magistrate.

Our strong international links give you the opportunity to study a semester of your law degree at the Monash Prato Centre in Italy or Monash Sunway Campus in Malaysia. There is also a range of international internships and exchange opportunities with partner universities available exclusively to Monash Law School students in countries such as South Africa, the US, Israel and Switzerland.

You can also participate in international moot competitions or undertake a placement in one of our two community legal centres, the Monash Oakleigh Legal Service or the Springvale Monash Legal Service.

Choose your own path

The study of law develops problem-solving skills and powers of analysis. It teaches precise and imaginative use of language. It also promotes ethical thinking and a focus on justice and fairness.

You can choose to study law as a single degree or as a double degree with arts, engineering, commerce, science, biomedicine and medicine. We provide a vast range of law electives allowing you to tailor your degree to pursue your personal interests and ambitions.

We also offer the Master of Laws (Juris Doctor), taught at the Monash University Law Chambers in Melbourne’s city centre. This qualification gives graduates of another discipline the opportunity to pursue a career change or follow a long-held ambition to practise law.

Industry-based learning

We know that today’s employers are looking for graduates with practical work experience and global nous. That’s why we developed a range of internships as the perfect way to broaden your study experience and go beyond the theory learned in lectures.

You can participate in internships at law firms and government agencies in countries around the world, with organisations such as Oxfam and the United Nations Global Compact.

Oren Bigos
Barrister, Victorian Bar
Bachelor of Commerce/Bachelor of Laws (Honours)

Oren Bigos’ journey in legal work started with a Monash double degree in commerce and law. Since graduating, Oren’s career has achieved several highlights, including three appearances as junior counsel in the High Court in Canberra, which he describes as “awe-inspiring”.

Oren also won a Menzies Scholarship to Oxford University and has worked as a solicitor and judge’s associate. He now works as a barrister, a job which often involves appearing in court, preparing court documents and advising clients.

“The Monash law course had a good mix of theory and practice, the lecturers were first-rate, there was a broad social spectrum of students,” says Oren. He advises future Monash Law School students to be persistent, despite setbacks. “Although my first law assignment was marked 5/20, I ended my degree at the top of my class, winning the Supreme Court Prize.”

Enquiries
future@monash.edu
1800 MONASH
Featured courses

You can combine a Bachelor of Laws with a range of other degrees to earn a double degree. Double degrees produce not only well-rounded lawyers, but leaders who possess the broad range of skills that only a combined law degree can provide. As a result our graduates have the knowledge and skills to meet the challenges of many varied career pathways.

Bachelor of Laws

The Monash Bachelor of Laws provides a springboard for a wide range of careers in legal practice and beyond. A law degree teaches you the concepts, procedures and reasoning underpinning the Australian legal system, as well as a range of transferable skills such as problem solving, analytical thinking and communication.

The four-year Bachelor of Laws covers the required subjects for admission into practice and offers more law electives than most other law degrees.

What makes it great

We will teach you to think analytically and critically, to seek out knowledge and apply what you have learned. From day one of your law degree you will learn the skills needed to practise law.

Once you’ve graduated

Monash law graduates are highly regarded around the world and excel in a variety of career roles. Graduates practise law as barristers or solicitors, and many use their skills and knowledge in a variety of law-related occupations within the judiciary, government, media, business, industry and politics.

Bachelor of Arts and Bachelor of Laws

One of Monash Law’s most popular programs, this degree combines the problem-solving and analytical skills taught in the Law degree with the creative and communication skills taught in an Arts degree. Students tailor the double degree to their interests and career aspirations by being able to choose from more than 50 electives including languages, communications, politics, history, psychology, criminology and international studies.

What makes it great

By combining some of the core Arts requirements, students can complete a double major in two different arts disciplines.

Once you’ve graduated

The legal skills gained, coupled with the specialised knowledge in humanities learned during this double degree, will make graduates highly sought-after across a broad range of areas such as international relations, media, diplomacy and journalism.

Bachelor of Commerce and Bachelor of Laws

This double degree provides the knowledge and skills required in the management of public and private enterprises. Students can undertake specialist commercial law units such as international law, taxation law, Australian banking law and corporate social responsibility which will complement a solid grounding provided in both domestic and international law. The commerce degree also offers a wide range of units in accounting, business statistics, economics, finance, management, marketing and taxation.

What makes it great

Combining a Bachelor of Laws with Commerce gives you the knowledge and skills to meet the challenges of many varied career pathways.

Once you’ve graduated

In addition to preparing graduates for traditional legal practice, the combined degree program opens up many career opportunities in business, finance and commerce. Graduates find work in legal practice, government, politics, the media, merchant banking, international business, and money markets.
Bachelor of Laws
The Monash law degree provides a springboard for a wide range of careers in legal practice and beyond. A law degree teaches you the concepts, procedures and reasoning underpinning the Australian legal system, as well as a range of transferable skills such as problem solving, analytical thinking and communication.

On-campus (Clayton)
4 years FT
8 years PT
98.05
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.

Master of Laws (Juris Doctor)
The Monash Juris Doctor (JD) is an intensive, graduate entry law degree. The Monash JD recognises the specific needs of graduates from other areas and teaches the knowledge and skills only a law degree from one of Australia’s leading universities can provide. Small class sizes and innovative teaching attract passionate and dedicated individuals, and classes are taught at the city-based Monash Law Chambers, located in the heart of Melbourne’s legal precinct.

On-campus (Melbourne CBD)
3 years FT
4 years PT
Range of criteria
For more information contact:
Monash University Law Chambers
Tel: 03 9903 8500
Email: law-postgraduate@monash.edu
Please note that this course is offered as a full fee-paying course with limited Commonwealth Supported Places (CSPs).

Bachelor of Aerospace Engineering and Bachelor of Laws
Bridging the gap between technology and the Law, this double degree produces aeronautical engineers skilled in the legal, corporate and commercial arenas. The Aerospace Engineering component develops strength in core discipline areas of aerodynamics, aerospace materials, aerospace structures, propulsion and aerospace instrumentation and control.

On-campus (Clayton)
6 years FT
12 year PT
Contact Monash
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 3 in mathematics HL, and a score of at least 4 in chemistry SL or 3 in physics SL or 3 in physics HL.

Bachelor of Arts and Bachelor of Laws
This degree is a combination of the two single degrees. Please see page 51 for further information.

On-campus (Clayton)
5 years FT
10 years PT
98.15
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.

Bachelor of Biomedical Science and Bachelor of Laws
This course is designed for students who wish to combine knowledge of Biomedical Science with a solid foundation in legal principles and practice. Options in the biomedical science degree range from human biology, anatomy, biochemistry and preventative medicine to genetics, immunology, microbiology, pharmacology and physiology. Advances in Biomedical Science can have a major impact on the wellbeing of society, but the transition from laboratory to the people it will benefit is a complex journey; a Law degree gives graduates the tools to do this.

On-campus (Clayton)
5 years FT
10 years PT
98
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in chemistry and in one of physics, mathematical methods (CAS) or specialist mathematics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.

Bachelor of Commerce and Bachelor of Laws
This degree is a combination of the two single degrees. Please see page 51 for further information.

On-campus (Clayton)
5 years FT
10 years PT
98
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.

Bachelor of Engineering and Bachelor of Laws
Combining technology with law, this double degree aims to produce engineers skilled in the legal, corporate and commercial arenas. The Bachelor of Engineering degree is offered in chemical, civil, electrical and computer systems, materials and mechanical engineering.

On-campus (Clayton)
6 years FT
12 year PT
97.65
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in mathematical methods (CAS) and in one of chemistry or physics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 4 in further mathematics SL or 3 in mathematics HL, and a score of at least 4 in chemistry SL or 3 in physics SL or 3 in physics HL.

Bachelor of Music and Bachelor of Laws
The entertainment industry creates unique legal and management challenges that require specialised knowledge. This double degree offers two very distinct areas of study that enable you to combine the expertise, skills and knowledge of a Law degree with training in the entertainment and music industries. The Music degree allows a greater specialisation in music performance than the major sequence in music offered by the Bachelor of Arts. It provides an approved combination of units in performance, composition, arranging and musicology and includes options in classical and popular music.

On-campus (Clayton)
5 years FT
10 years PT
Range of criteria
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in mathematical methods (CAS) or in one of chemistry or physics.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.

Bachelor of Performing Arts and Bachelor of Laws
Like any industry, the performing arts are bound and organised by laws and practices. This degree combines the study of Performing Arts with the expertise of a Law degree, giving students a range of careers options. In the Performing Arts component you will study a theatre major, a core performance sequence and another first-year level Performing Arts sequence. In addition to completing the core requirements of the Law degree, students can choose from a range of Law electives including commercial law, intellectual property and workplace and employment law.

On-campus (Clayton)
5 years FT
10 years PT
Range of criteria
VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English.
IB: A score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.
All applicants must attend/provide a performance audition and/or submit a composition folio.

Bachelor of Science and Bachelor of Laws
The practical and professional focus of this double degree produces highly capable lawyers and scientists with increased job opportunities. This program provides practical legal skills and an awareness of the complex interaction between science and society. The Science degree can be tailored to meet individual interests and enables students to choose units that relate to their Law degree or intended career. Science study areas include astronomy and astrophysics, ecology and conservation biology, chemistry, geoscience, pharmacology, physiology, immunology and many more.

On-campus (Clayton)
5 years FT
10 years PT
98.05
VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics, and a study score of at least 35 in English (ESL) or 30 in any other English.
IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, physics (any) or psychology (any), and a score of at least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.
Medicine, Nursing and Health Sciences

Monash has long sat among the top-tier of Australian universities when it comes to medicine, nursing and health sciences. And now our name is respected around the world.

www.med.monash.edu

Why Monash?
The 2011 Times Higher Education World University Rankings ranked Monash at 33 in the world for medicine, and QS ranked us 36 for life sciences – these measures reflect a university in the top echelon for education and research on a global scale.

We are the only Australian university represented in the prestigious M8 Alliance of academic health centres and medical universities, a highly respected group that includes Johns Hopkins University, Imperial College London, the Sorbonne in Paris, and the Charité in Berlin. We are also prominent at the World Health Summit, and held the co-presidency of this peak global forum in 2011.

Choose your own path
As our name suggests, the Faculty of Medicine, Nursing and Health Sciences offers a range of courses, study areas and specialities unmatched by other Australian universities. Of course, our Bachelor of Medicine Bachelor of Surgery degree is well known for producing some of Australia’s finest young medical professionals. But no matter what role you wish to play in the healthcare industry, we have the course to get you there.

Our biomedical science degrees give you a platform to explore the fundamental biology of human health. Our nursing and midwifery courses offer a direct pathway to professional practice. Our emergency health degrees are underpinned by global standard-setting research. And our social work and psychology courses are respected throughout Australia. Or maybe your interests lie in nutrition and dietetics, or radiography or health promotion. The choice is yours.

Industry-based learning
We are committed to helping you meet the demands of your career by equipping you to work in the healthcare community of the future. This means we let you take advantage of our close relationships with industry leaders, and work alongside them in professional and clinical settings as a central part of your course. These leaders include Southern Health – the largest healthcare provider network in Australia – Peninsula Health and The Alfred the major casualty hospital for metropolitan Melbourne. You can also work with regional hospitals, Ambulance Victoria and specialty healthcare providers. We encourage you to make the most of our global outlook and consider an overseas placement.

Julianne Bayliss
Bachelor of Biomedical Science (2003)

Julianne enjoyed a whirlwind 2011. The Biomedical Science graduate received the Transplantation Society of Australia and New Zealand’s Young Investigator Award for her research into antibody mediated rejection in heart transplant patients. Julianne received the early career scientist award for her presentation at the XXII International Congress of the Transplantation Society in Sydney.

Prior to her win at the international congress, she was nominated as a finalist in the Cardiac Society of Australia and New Zealand’s prestigious Ralph Reader Prize Session and also found time to have two articles published on the role of vascular endothelial growth factor in cardiac transplant rejection.

Enquiries
future@monash.edu
1800 MONASH

The Monash online Course Finder lists courses available for study in 2012. New courses commencing in 2013 will be listed from July 2012. www.monash.edu/study/coursefinder
Featured courses

**Bachelor of Medicine and Bachelor of Surgery**

The Monash MBBS is a five-year undergraduate degree. It is an interdisciplinary course, combining biomedical sciences, social sciences and clinical skills training.

The course is thematic and places emphasis on clinical communication skills, with clinical contact visits to medical practices, community care facilities and hospitals commencing in the first year. Students are also required to spend time in rural areas as part of a health care team.

**What makes it great**

The course follows four main themes:

— Personal and professional development: concentrate on the personal attributes and qualities needed to work as a doctor

— Population, society, health and illness: students learn about the history and philosophy of the scientific approach to medicine

— Scientific basis of clinical practice: details the knowledge and concepts that underpin medicine, both in medical and clinical science

— Clinical skills: students interact with a range of health care professionals through general practice and rural visits and gain experience in a wide range of medical work places including accident and emergency, anaesthesia, palliative care, infectious diseases and more

**Once you’ve graduated**

Graduates initially work within the hospital system. After several years, they can choose to undertake further training and become general practitioners or specialists in a range of areas, e.g. in obstetrics, paediatrics or psychiatry. Graduates are eligible for professional registration with the Australian Health Practitioner Regulation Agency. After serving a year of internship in an approved hospital, the graduate is eligible for full registration with the Medical Board of Australia.

**Bachelor of Nursing**

Nurses provide valued services to their communities in the provision of healthcare and the promotion of health and wellbeing. This degree provides a broad educational foundation for general nursing practice and pathways to future professional employment. It allows students to develop a diverse range of skills in communication, research, clinical reasoning, client care and decision making. Students also gain clinical experience in a wide variety of health agencies, both locally and internationally.

**What makes it great**

The course aims to develop a graduate nurse who is committed to the promotion, maintenance and restoration of health and to the prevention of disease. Students will become skilled in the delivery of holistic health care and be able to apply an extensive body of knowledge from relevant disciplines in varied practice settings across both community and hospitals. Students will develop the skill of critical analysis in relation to the theory and practice of nursing, and also develop skills according to accepted standards of nursing practice.

**Once you’ve graduated**

Graduates will be eligible to register as a Registered Nurse with the Nursing and Midwifery Board of Australia. Career opportunities in nursing include opportunities to work in a number of different service areas; such as acute hospital care, mental health, rehabilitation and aged care, community based care and rural and remote services. This employment may be undertaken at local, national or international locations. There are a number of practice areas in which further education and practise may be undertaken including: acute medical/surgical nursing, emergency, intensive care, midwifery, paediatrics, peri-operative, mental health, palliative care, oncology and others. Graduates may choose to undertake further studies towards becoming a nurse practitioner. After gaining relevant clinical experience further career opportunities exist in education, management and research.

**Bachelor of Biomedical Science**

The degree provides a solid foundation in biomedical sciences leading to a research-based honours year. With electives in biomedical sciences, students may design a specialised program that gives them an in-depth knowledge of one area of the biomedical sciences. Students are taught by experts in the biomedical sciences and gain the skills necessary to understand and investigate human biology and health.

**What makes it great**

Students will cover modern and traditional biomedical sciences, human biology, anatomy, biochemistry, epidemiology and preventative medicine, genetics, immunology, microbiology, molecular biology, pharmacology, physiology and the biomedical basis of disease.

In first and second years, 25 per cent of the course is devoted to elective units, increasing to 75 per cent in third year. Elective units may be taken within the Faculty of Medicine, Nursing and Health Sciences or from other faculties at Monash.

Students can also combine this degree with the Bachelor of Engineering and graduate with a double degree.

**Once you’ve graduated**

Graduates have a wide range of career opportunities in biotechnology, pharmaceutical industries, research institutes and centres, industry development and product technology, hospital/medical industry, secondary and tertiary teaching, medical diagnostic laboratories, media and communications, and in the government sector in areas such as health promotion and health economics. This degree provides an excellent preparation for entry into graduate medical schools.
### Single degrees

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<tr>
<th>Degree Name</th>
<th>On-campus (Campus)</th>
<th>Course duration</th>
<th>2012 Clearing in ATAR</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (AS)</th>
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<tbody>
<tr>
<td>Bachelor of Biomedical Science</td>
<td>On-campus (Clayton)</td>
<td>3 years FT</td>
<td>93.9</td>
<td>VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 25 in chemistry and in one of physics, mathematics methods (CAS) or specialist mathematics.</td>
<td>8550</td>
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<td>6 years PT</td>
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<td>IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in chemistry SL or 3 in chemistry HL, and a score of at least 4 in mathematics SL or 4 in future mathematics SL or 3 in mathematics HL or 4 in physics SL or 3 in physics HL.</td>
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<td>On-campus (Clayton)</td>
<td>3 years FT</td>
<td>99.25</td>
<td>VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 30 in chemistry and one of physics, mathematics methods (CAS) or specialist mathematics.</td>
<td>7750</td>
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<td>4 years FT</td>
<td>98.15</td>
<td>IB: A score of at least 5 in English SL or 4 in English HL. A score of at least 5 in chemistry SL or 4 in chemistry HL, and a score of at least 5 in mathematics SL or 5 in further mathematics SL or 4 in mathematics HL.</td>
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<tr>
<td>Bachelor of Biomedical Science Advanced with Honours</td>
<td>On-campus (Clayton)</td>
<td>3 years FT</td>
<td>79.35</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. A study score of at least 30 in chemistry and one of physics, mathematics methods (CAS) or specialist mathematics.</td>
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<td>6 years PT</td>
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<td>IB: A score of at least 5 in English SL or 4 in English HL.</td>
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<td></td>
<td>On-campus (Peninsula)</td>
<td>2 years FT</td>
<td>81.1</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any).</td>
<td>7500</td>
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<tr>
<td>Bachelor of Health Science</td>
<td>On-campus (Berwick)</td>
<td>3 years FT</td>
<td>72.75</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.</td>
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<td>6 years PT</td>
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<td>IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.</td>
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<tr>
<td>Bachelor of Health Promotion</td>
<td>On-campus (Peninsula)</td>
<td>3 years FT</td>
<td>79.35</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.</td>
<td>5500</td>
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<td></td>
<td>6 years PT</td>
<td></td>
<td>IB: A score of at least 5 in English SL or 4 in English HL, 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Midwifery</td>
<td>On-campus (Peninsula)</td>
<td>3 years FT</td>
<td>77.8</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. Units 1 and 2 – two units (any study combination) from general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any).</td>
<td>5648</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 years PT</td>
<td></td>
<td>IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing</td>
<td>On-campus (Peninsula)</td>
<td>3 years FT</td>
<td>72.15</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. Units 1 and 2 – general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any).</td>
<td>5648</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 years PT</td>
<td></td>
<td>IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing (Community Health)</td>
<td>On-campus (Birkenhead)</td>
<td>3 years FT</td>
<td>70.4</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. Units 1 and 2 – two units (any study combination) from general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any).</td>
<td>5648</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 years PT</td>
<td></td>
<td>IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td></td>
</tr>
<tr>
<td>Bachelor of Nursing Practice</td>
<td>On-campus (Gippsland)</td>
<td>3 years FT</td>
<td>70.4</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. Units 1 and 2 – general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any).</td>
<td>5648</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 years PT</td>
<td></td>
<td>IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td></td>
</tr>
</tbody>
</table>
Bachelor of Nutrition and Dietetics
The Bachelor of Nutrition and Dietetics at Monash provides students with an appreciation of the broad scope of knowledge required for dietetic practice including knowledge of nutritional and biomedical science, food, the role of nutrition in health and disease, personal diet, and professional practice in a range of healthcare settings. The course has been accredited by the Dietitians Association of Australia (DAA).

Prerequisites
- VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 30 in chemistry.
- IB: A score of at least 5 in English Sl or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry Sl or 4 in chemistry HL.

Bachelor of Occupational Therapy
In this course, students divide their time between classes on campus and fieldwork placements. Students study basic human biocrises, behavioural health sciences and occupational sciences. As they progress through the course, students apply their skills to occupational therapy, practice, working under supervision in fieldwork settings. No additional period of study is required for the awarding of honours in this degree.

Prerequisites
- VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in any two of chemistry, biology, mathematical methods (CAS), or specialist mathematics.
- IB: A score of at least 4 in English Sl or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in chemistry Sl or 3 in chemistry HL, or 4 in mathematics Sl or 3 in mathematics HL, or a 4 in physics Sl or a 3 in physics HL.

Bachelor of Physiotherapy
Physiotherapists typically treat disorders that benefit from physical interventions using techniques such as exercise, movement analysis and manual therapy. They work with individuals and communities to develop strategies that promote health. This course has been fully accredited by the Australian Physiotherapy Council. This degree combines theory and practice, with students undertaking most clinical education in the third and fourth years of study. All students can expect to undertake education in rural environments, some of which may be interstate.

Prerequisites
- VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 25 in any two of chemistry, biology, mathematical methods (CAS), physics or specialist mathematics.
- IB: A score of at least 4 in English Sl or 3 in English HL or 5 in English B SL or 4 in English B HL, and two of the following: a study score of at least 4 in biology Sl or 3 in biology HL, or 4 in chemistry Sl or 3 in chemistry HL, or 4 in mathematics Sl or 3 in mathematics HL, or 4 in physics Sl or a 3 in physics HL.

Bachelor of Psychology (with Honours)
In the first three years of the course, students study the core areas of the scientific discipline of psychology, including: abnormal psychology, research methods and theory, cognitive psychology, social psychology, developmental psychology, biological psychology, perception and personality, psychological testing, theories of ability and ethics. Students are able to pursue their individual interests in a wide range of areas relating to the application of psychology. In addition, they are introduced to other disciplines which complement the study of psychology. This innovative program offers students a unique opportunity to become involved and understand research-related activities by shadowing active researchers within the school. Students are required to shadow two research-related activities giving them both contact with a broad range of research staff and insight into their future specialisation options. In the fourth year, students who meet the entry requirements may undertake the honours program in psychology. Overall, the Bachelor of Psychology (with Honours) gives students an ideal preparation for further study and a psychology related career.

Bachelor of Psychological Science and Business
This course is designed primarily for students who wish to apply psychological training to work in a business environment. It comprises an undergraduate major in psychology accredited by the Australian Psychology Accreditation Council, core business units, and a major sequence offered by the Faculty of Business and Economics on the campus at which the student is enrolled.

Bachelor of Radiography and Medical Imaging
The degree provides the academic and practical experience to practice as a radiographer. Throughout the course, students divide their time between classes on campus and teaching hospitals and private radiology practices. In addition to general radiography, students study computed tomography (CT), magnetic resonance imaging and medical ultrasound. In final year students can choose either research or additional studies in for example CT or ultrasound. As well students complete a 24-week practical placement in final year. This degree provides for students to graduate with honours based on meritorious performance throughout the course.

Bachelor of Social Welfare
The Bachelor of Social Welfare is a unique program that will offer graduates a professional welfare qualification. Graduates will have specialist skills and knowledge in either child welfare or aged care. Students will develop the necessary skills, theoretical knowledge and values to enable them to work effectively in the respective fields of practice and to promote change at personal, group, community, organisational and political levels. They will be able to engage in interpersonal counselling, research and policy, casework and case management, and management of human services organisations. Graduates will also be able to apply the knowledge gained locally, nationally and internationally.

Bachelor of Social Work
The Bachelor of Social Work offers subjects in the theory and practice of social work with individuals, families and communities as well as fieldwork skills. They also cover subjects in management, research and policy; all subjects are taught to encourage critical and reflective practice.
Double degrees

**Bachelor of Arts and Bachelor of Social Work**
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-mode (Caulfield)</td>
<td>4 years FT 8 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 5 in English HL or 5 in English B SL or 4 in English B HL.</td>
<td>5648</td>
</tr>
<tr>
<td>Off-campus (Caulfield)</td>
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<td></td>
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<tr>
<td>On-campus (Caulfield)</td>
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</tbody>
</table>

**Bachelor of Biomedical Science and Bachelor of Engineering**
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Clayton)</td>
<td>5 years FT 10 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 25 in any other English, and a study score of at least 25 in chemistry, mathematical methods (CAS) and in one of physics or specialist mathematics. IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL.</td>
<td>8050</td>
</tr>
</tbody>
</table>

**Bachelor of Health Science and Bachelor of Business**
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Caulfield)</td>
<td>4 years FT 8 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any). IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL and a score of at least 3 in any mathematics subject.</td>
<td>8550</td>
</tr>
</tbody>
</table>

**Bachelor of Health Science and Bachelor of Social Work**
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Caulfield)</td>
<td>4 years FT 8 years PT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL and a score of at least 3 in any mathematics subject.</td>
<td>7250</td>
</tr>
</tbody>
</table>

**Bachelor of Medicine and Bachelor of Surgery (Undergraduate Entry)**
The Monash MBBS is a five-year undergraduate degree for applicants who are new to tertiary study. It is an interdisciplinary course, combining biomedical sciences, social sciences and clinical skills training. The course is thematic and places emphasis on clinical communication skills, with clinical contact visits to medical practices, community care facilities and hospitals commencing in the first year. Students are also required to spend time in rural areas as part of a healthcare team.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Range of criteria</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Clayton)</td>
<td>5 years FT</td>
<td></td>
<td>VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English and a study score of at least 30 in chemistry. IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry SL or 4 in chemistry HL. Applicants must sit the Undergraduate Medicine and Health Sciences Admissions Test (UMAT). Registration forms must be submitted to UMAT at ACER in early June. For further information contact the UMAT officer at ACER (03) 9277 5746, email <a href="mailto:umat@acer.edu.au">umat@acer.edu.au</a>; website <a href="http://www.umat.acereu.au">www.umat.acereu.au</a>. Short listed applicants will be required to attend an interview. Commonwealth Supported Places (CSPs) are not available in Malaysia. Please contact the campus for further information on fees.</td>
<td>9425</td>
</tr>
</tbody>
</table>

**Bachelor of Medicine and Bachelor of Surgery (Graduate Entry)**
The graduate-entry MBBS is a four-year degree emphasising interdisciplinary teaching in biomedical science, population health and clinical skills. This thematic course places emphasis on critical thinking, reflective practice and communication skills and features early clinical contact visits to medical practices, community care facilities and hospitals commencing in the initial few weeks of the course. Students spend time in rural areas with options for placements at various Monash-affiliated sites in Melbourne and across the state.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Range of criteria</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Gippsland)</td>
<td>4 years FT</td>
<td></td>
<td></td>
<td>9425</td>
</tr>
</tbody>
</table>

**Bachelor of Medicine and Bachelor of Surgery and Bachelor of Laws**
This combined program is a recognition by the faculties of Medicine, Nursing and Health Sciences and Law that the burgeoning area of medical law requires a pool of graduates with an academic grounding in both professions. Monash is the only university in Australia that offers this joint degree.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Range of criteria</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Clayton)</td>
<td>7 years FT</td>
<td>Minimum of a credit average in the 1st year of the MBBS program. Applicants will be required to attend an interview.</td>
<td>9425</td>
<td></td>
</tr>
</tbody>
</table>

**Bachelor of Nursing and Bachelor of Emergency Health (Paramedic)**
This double-degree is a ground breaking initiative in inter-professional education that offers students a chance to gain skills and qualifications in both nursing and paramedic. Graduates will be eligible for registration with the Nursing and Midwifery Board of Australia or its equivalent and endorsement as a Paramedic including with Ambulance Victoria. They may be employed as Registered Nurses, paramedics or Paramedic Nurses in a range of emergency health settings for which the dual qualifications are likely to be highly regarded.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Peninsular)</td>
<td>4 years FT</td>
<td>VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English and a study score of at least 25 in mathematics (any). IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL or 4 in mathematical studies SL.</td>
<td>6250</td>
</tr>
</tbody>
</table>

**Bachelor of Nursing Practice and Bachelor of Midwifery**
This degree is a combination of the two single degrees. Please see the individual descriptions for more information.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>Prerequisites</th>
<th>2012 Indicative CSP fee (A$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus (Gippsland)</td>
<td>4 years FT</td>
<td>VCE: Units 1 and 2- two units (any study combination) from general mathematics or mathematical methods (CAS), or Units 3 and 4 – mathematics (any). Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English. IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in any mathematics subject.</td>
<td>5500</td>
</tr>
</tbody>
</table>

**2012 Indicative CSP fee:** The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder
Catherine Downey is a pharmacist at the Peter MacCallum Cancer Centre. She is inspired by the impacts she has on patients' lives and the challenges of her role. “Every day of my job is different,” Catherine says. "My role involves completing clinical consultations with the patients on each of the wards, looking at their medication as well as providing counselling before discharge. I also dispense medications and provide information to patients through the out-patient's pharmacy and chemotherapy day units. "Working in an oncology hospital has its challenges – due to the nature of the disease affecting all our patients. However, it is a continuously changing area of pharmacy, with so many new treatments coming onto the market. We are constantly learning. “It is particularly satisfying to see that the work we're doing can have a positive impact on a patient’s health and quality of life.”

Accredited degrees
Our courses give you access to world-class facilities, including classrooms that immerse you in industry settings and online virtual tableting labs.
We offer the only fully-accredited pharmacy program in Melbourne and our pharmaceutical sciences program is recognised by the Royal Australian Chemistry Institute, which means future employers will know that you are qualified to meet the most stringent standards.

Experience and innovation
While we are the oldest pharmacy training institution in Australia, we are also the most progressive and modern. We continue to innovate, and use a variety of state-of-the-art teaching methods that allow you to approach your study from multiple perspectives.
This flexibility means that once you graduate you can go work in wide range of fields, including:

- hospital and community pharmacy
- research and development
- biotechnology
- chemical and consumer products
- clinical trials
- pharmaceutical industry
- education and academia.

Industry-based learning
Our degrees get you ready for your career, and give you the skills, knowledge and attributes employers seek.
Vocational skill development begins in the classroom during the first semesters of your degree and is enhanced with on-the-job training during your final years.
If you join our pharmaceutical science course you'll get hands-on analytical chemistry skills by using industry standard equipment in our High Performance Liquid Chromatography facility. You'll also get the chance to complete an industry or research placement in your third year.
If it’s our pharmacy course you join, our professional practice suites and MyDispense software allow you to develop dispensing and patient counselling skills. You'll also complete 12 weeks of placements in a range of healthcare settings such as hospitals, community pharmacies and rural settings.

Enquiries
future@monash.edu
1800 MONASH

Catherine Downey
Bachelor of Pharmacy
Catherine Downey is a pharmacist at the Peter MacCallum Cancer Centre. She is inspired by the impacts she has on patients’ lives and the challenges of her role. “Every day of my job is different,” Catherine says. “My role involves completing clinical consultations with the patients on each of the wards, looking at their medication as well as providing counselling before discharge. I also dispense medications and provide information to patients through the out-patient’s pharmacy and chemotherapy day units.
“Working in an oncology hospital has its challenges – due to the nature of the disease affecting all our patients. However, it is a continuously changing area of pharmacy, with so many new treatments coming onto the market. We are constantly learning. “It is particularly satisfying to see that the work we’re doing can have a positive impact on a patient’s health and quality of life.”
Featured course

Bachelor of Pharmaceutical Science

A job ready science degree about the chemistry, biology and technology of medicines. Pharmaceutical scientists play a vital role in improving human health by translating advances in medical research into medicines. They also work in related industries such as cosmetics and consumer products.

There are three unique major areas of study: drug discovery, biology, formulation sciences and medicinal chemistry. During the first year of your course you will gain a broad understanding of each area before selecting a specialisation in second year.

What makes it great

The Bachelor of Pharmaceutical Science equips students with real-world skills through either a research project or an industrial experience placement.

Be taught by the best pharmaceutical scientists in Australia and have the opportunity to undertake a research project within the internationally renowned Monash Institute of Pharmaceutical Sciences.

Once you've graduated

A Monash degree can take you anywhere. Pharmaceutical Science graduates find employment opportunities in the biotechnology and pharmaceutical industries.

Graduates work in leading research institutions developing new medications. Opportunities also exist in associated industries such as food, agricultural, chemical and cosmetics.

Specific career roles include cell biologist, research scientist, drug analyst, development chemist, sales, patent attorney, academic, and clinical trial researcher.

Pharmaceutical and Pharmaceutical Sciences Campus Course duration 2012 Clearly in ATAR Prerequisites 2012 Indicative CSP fee (A$)

Single degrees

Bachelor of Pharmaceutical Science

Pharmaceutical scientists play a vital role in improving human health by turning advances in medical research into medicines. They can also work in other industries such as cosmetics, chemicals, agricultural and food products. This job-ready science degree equips students with the necessary skills to work in industry or research. Students gain valuable skills through either a research project or an industrial experience placement.

On-campus (Parkville) 3 years FT 6 years PT 82.3 VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 30 in chemistry and mathematics (CAS) or specialist mathematics.

IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry SL or 4 in chemistry HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL.

Bachelor of Pharmacy

A degree in Pharmacy may lead to careers in many different areas of practice including community pharmacy, hospital pharmacy, consultant pharmacy and the pharmaceutical industry. This degree is accredited by the Pharmacy Board of Australia and produces graduates with comprehensive understanding of enabling sciences, applied pharmaceutical sciences, clinical science, pharmacy practice and the professional skills and generic attributes which underpin the profession of pharmacy. To be registered as a pharmacist in Australia, students must complete an additional one-year internship program under the supervision of the Pharmacy Board of Australia. Graduate outcomes include roles in the pharmaceutical industry and government or the chance to own a community pharmacy.

On-campus (Malaysia, Parkville) 4 years FT Range of criteria VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 30 in chemistry and mathematical (CAS) or specialist mathematics.

IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry SL or 4 in chemistry HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL.

Monash Malaysia have different entry requirements. Please see www.monash.edu.au/study/coursefinder for details.

Double degrees

Bachelor of Pharmacy and Bachelor of Commerce

This course is designed for students interested in adding business skills to their pharmacy degree. The two degrees are studied consecutively, beginning with four years of full-time study at the Parkville campus for the Bachelor of Pharmacy degree, followed by two years at the Clayton campus for the Bachelor of Commerce degree.

On-campus (Parkville) 6 years FT Range of criteria VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, and a study score of at least 30 in chemistry and mathematical methods (CAS) or specialist mathematics.

IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in chemistry SL or 4 in chemistry HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL.

A change to entry requirements for pharmacy: A Monash University Supplementary Information Form will be required for entry into the Bachelor of Pharmacy or Bachelor of Pharmacy/Commerce from 2013 onwards. Both domestic and international students need to complete this form. The form will be used in conjunction with an applicant’s ATAR score and prerequisite subjects and assesses relevant experience, interest in and motivation for the course. Applicants wishing to study pharmacy or pharmacy and commerce are no longer required to complete the UMAT. For more information visit www.pharm.monash.edu

2012 Indicative CSP fee: The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder

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Science

Whether you choose to study a general science degree, specialised degree or a double degree, science can open your horizons to an exciting range of career opportunities.

www.sci.monash.edu

Science at Monash
Pursue your passion for science and you will improve the world.

If you have an enquiring mind then studying science and mathematics at Monash allows you to indulge your interests. Science graduates improve the world around us, and even the future of the planet. As a Monash student you will be inspired by great teachers, researchers and fellow students who are shaping the future of scientific knowledge and practices. As a science graduate you will be in the driving seat for a career wherever scientific knowledge and thinking are important.

Flexibility and choice
Science at Monash offers you choice. You choose how you want to learn. Depending on your background you can complete a generic degree where you tailor your own course of study. Or a specialised degree, such as the Bachelor of Environmental Science or Bachelor of Biotechnology. These degrees provide you with a focussed scientific knowledge as well as specific knowledge in your chosen area of study. Further choice is available through our double-degree courses. This is a great way for you to bring together two areas of interest and create a unique career path for yourself. Science at Monash also offers a prestigious honours program. By taking honours you will gain advanced knowledge and skills in your area of specialisation and have the opportunity to undertake independent research under the guidance of a world expert.

Industry-based learning
Broader your skills and knowledge with a variety of curricular and extracurricular programs.

- Field trips occur from year one, both on campus and off campus, locally and internationally and are a fundamental part of undertaking a science degree.
- Monash Passport programs offer you the opportunity to engage with Monash Science in a more meaningful way, the Talented Science Students Leadership program and advanced course work units are designed to challenge you and make you feel more connected to Monash.
- Industry-based research programs and faculty-based research projects are programs that allow you to develop a higher-level of learning and demonstrate a commitment to your scientific education, which in turn enriches your degree experience and career opportunities.

Jia Junn Chew
Bachelor of Biotechnology

From pottering around the garden with his mother, Jia Junn Chew’s early fascination with biology has progressed to a science degree with Monash. “I chose Monash because it is one of the best universities in the world,” Jia says. “The Bachelor of Biotechnology is an exciting area of Science with huge opportunities upon graduating. One of the best things is how the course is structured. Although there is a strong science focus we also study other interesting areas such as ethics, business and law.”

Jia started at the Monash Sunway Malaysia campus, and transferred to the Clayton campus in his second year. “Transferring campuses has been a fantastic experience for me to live abroad and meet new people,” says Jia.

“I have also been part of the Science Student Ambassador program which has been great fun and helped me learn new skills such as presenting and public speaking. I really enjoy talking about Monash and the options available with a Science degree.”
Featured courses

Bachelor of Science, Bachelor of Science Advanced with Honours, Bachelor of Science (Science Scholar Program)

Internationally recognised, a Bachelor of Science is a transportable qualification that maintains its prestigious standing with employers worldwide. At Monash we combine clearly defined areas of specialisation with flexibility and choice:

- Flexibility allows you to tailor an individual program of study from day one.
- Choice entitles you the option of taking all science studies or to include subjects outside of science as your electives.
- Defined areas of specialisation ensure you gain an academically sound education within your chosen field/s of specialisation.

What makes it great
Science is a global discipline. A degree in science allows you to work, study and travel all over the world. Science at Monash offers a full range of science areas of study, enabling you to pursue your interests wherever they may lead. Our teaching staff are world-renowned and the learning facilities are new, vibrant and technologically equipped.

Once you’ve graduated
Scientists play an important role in developing cutting edge technologies, therapies and initiatives that address some of the greatest challenges to society. Scientists are instrumental in policy making, research and teaching, addressing issues associated with health care and social well being, in supporting industry and financial services. They are also employed in traditional and emerging areas where expertise in life sciences, geosciences, mathematics and statistics, computer sciences and the physical sciences are important. Science graduates are in high demand and secure exciting and well-paid jobs.

Bachelor of Biotechnology

Biotechnology is one of the world’s fastest developing industries. Biotechnology at Monash has well-established links with local biotechnology industries that provide specialised input into the program. Biotechnologists are playing an important role in shaping future scientific discoveries in both traditional and emerging areas of Science.

What makes it great
Biotechnology at Monash is centrally located within the Biotechnology research hub of Victoria. Being located in this research precinct means that you will have access to the very latest Biotechnology developments and highly-skilled teaching staff. Monash Biotechnology staff are actively conducting cutting edge research in a number of different fields; one area of research is working towards understanding how the whole body processes diseases. This degree provides the flexibility to choose from one of five different areas of specialisation to complement your specific interests and focus.

Once you’ve graduated
In the 21st Century the diversity of employment opportunities available in biotechnology is expected to become one of the biggest growth employment areas. Biotechnologists often work in laboratories, in medical diagnostics, therapeutics, pharmaceuticals, agribusiness, food processing and manufacturing. Opportunities can also be found in government policy development, regulatory monitoring, patent protection, public health and research.

Bachelor of Environmental Science

The Bachelor of Environmental Science is a science degree that will equip you with the skills required to address the urgent environmental issues facing our world. Environmental issues like climate change, habitat and biodiversity management, water and waste management, and food sustainability are just some of the issues environmental scientists will grapple with. There is no nobler career than facing these challenges head on.

What makes it great
The Bachelor of Environmental Science at Monash can be taken as either a pass or honours degree. Graduating with honours will enhance your employment opportunities and is the first step towards a scientific career. It also gives you an excellent preparation for a higher degree by research and will consolidate your skills and make you stand out from the crowd as a future leader in environmental science. Graduating with a pass degree will give you a strong science foundation in two major areas of study, preparing you for a career in a wide range of environmental areas.

Once you’ve graduated
Understanding, protecting and conserving the environment is a global priority. Graduates with strong science, analytical and communication skills are highly sought after by both government and private industries across a wide range of sectors. There are diverse job opportunities in urban and regional Australia, as well as overseas. Upon graduation you will have the knowledge that you will be making a difference in the management of our natural resources.
## Bachelor of Biotechnology

The Bachelor of Biotechnology is a four-year program, designed to meet industry needs for graduates with specific training in biotechnology. Graduates will have specific training in a discipline relevant to biotechnology and will also learn about the commercial, regulatory and ethical aspects of biotechnology. Developed after consultation with leaders in the biotechnology industry, it offers the opportunity to specialise in one of five areas of biotechnology including: biomolecular processing, chemical biotechnology, medical biotechnology, materials and nanotechnology and pharmacological chemistry. The specialist stream is chosen after completing a common first year. This allows students to find out where their strengths and interests lie before committing to specialisation.

### Prerequisites
- **VCE:** Units 3 and 4, a study score of at least 30 in one of chemistry, mathematical methods (CAS) or specialist mathematics and a study score of at least 30 in English (ESL) or 25 in any other English.
- **IB:** A score of at least 4 in English Sl or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 4 in one of chemistry SL or 3 in chemistry HL, a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Course duration</th>
<th>2012 Clearly in ATAR</th>
<th>Prerequisites</th>
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</table>

## Bachelor of Environmental Science

Environmental science is an exciting and challenging area of study and research, and encompasses many science disciplines including biology, chemistry, geology, geography, mathematics and physics. The degree provides students with a sound understanding of the interdisciplinary skills required in environmental science. The degree starts with a common first year. Students study six core units that are then combined with majors in at least two disciplines. At the end of third year, students choose either a pass degree or an honours degree.

### Prerequisites
- **VCE:** Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English.
- **IB:** A score of at least 4 in English Sl or 3 in English HL or 5 in English B SL or 4 in English B HL.

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<th>Course duration</th>
<th>2012 Clearly in ATAR</th>
<th>Prerequisites</th>
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</table>

## Bachelor of Science

The Bachelor of Science (BSc) is a highly flexible degree allowing you to choose to study in any of the 21 specialist areas of study on offer at the Clayton campus. This means that you have the flexibility to tailor the BSc to suit your interests from day one. Or if you are uncertain you can take a broad range of units and select a major and minor in the second year. Either way experienced course advisors will be on hand to help you decide which area of study is best suited to your career aspirations. Internationally recognised, the Bachelor of Science is a transportable qualification that maintains its prestigious standing with employers worldwide.

### Bachelor of Science (Biotechnology)

Biotechnology is an exciting area of interdisciplinary research and development activity. At the Gippsland campus students will take industrial biotechnology which builds on a core of basic science, including biochemical and microbiological techniques. Industrial biotechnology covers recombinant DNA technology, natural products chemistry, principles of modern instrumentation, experimental design and data analysis. Final-year students may partake in biotechnological research in an elective applied research project.

### Bachelor of Science (Food Science and Technology)

The Bachelor of Science (Food Science and Technology) is your opportunity to make a difference to the health and well-being of future generations. The course focuses firstly on helping you develop a greater understanding of the fate of agricultural raw materials, and secondly on the technology of food such as preservation, processing, packaging and distribution to ensure that food is safe, nutritious, and wholesome.

### Bachelor of Science (Medical Bioscience)

This course has an emphasis on biomedical science techniques with a focus on biotechnology. Students study a wide range of subjects that cover the breadth of skills required to work in this highly technical biomedical field. They also have the chance to further develop these skills by undertaking meaningful research during the course. Honours students must take up industrial training via a professional attachment to a clinical or medical laboratory.

### Bachelor of Science (Science Scholar Program)

This course aims to provide outstanding students with a program of study that differs from the normal science degree in both depth and range. With the help of an assigned academic mentor, an individual course of study is devised for each individual student. Students are required to maintain a constant high level of achievement throughout the program and complete at least one major and one minor sequence in science. Graduates are well qualified for careers as professional scientists or for further studies at honours and postgraduate level. Bachelor of Science (Science Scholar Program) students have the opportunity to participate in leadership programs. The leadership programs assist students to develop a range of skills relevant to leadership in an academic and career context, with opportunities to practice leadership among their peers.
### Bachelor of Science (Veterinary Bioscience)
The Bachelor of Science (Veterinary Bioscience) is ideal for those who are passionate about animal science. Students study a wide range of topics including anatomy, biochemistry, animal health, animal diversity, immunology, microbiology, physiology, animal ecology and animal biotechnology. The laboratory-based aspects of the course are supported by fieldwork and case studies at nearby sites such as farming and breeding enterprises, animal health practices, and natural habitats with wildlife populations. Students will benefit from studying animal health in a regional location and context; and will focus on key issues of international relevance.

- **Campus**: Off-campus (Gippsland)
- **Duration**: 3 years FT / 6 years PT
- **ATAR**: 75.15
- **Prerequisites**: VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics and a study score of at least 30 in English (ESL) or 25 in any other English. IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, physics (any) or psychology (any), and a score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

- **Campus**: On-campus (Gippsland)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – a study score of at least 35 in English (ESL) or 30 in any other English, a study score of at least 30 in mathematical methods (CAS) and in two of biology, chemistry, geography, physics or specialist mathematics. IB: A score of at least 5 in English SL or 4 in English HL, 6 in English B SL or 5 in English B HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL or 5 in further mathematics SL, and a score of at least 5 in biology SL or 4 in biology HL or 5 in chemistry HL or 5 in geography SL or 4 in geography HL or 5 in physics SL or 4 in physics HL.

### Bachelor of Science Advanced with Honours
This course is intended for high-achieving students who seek a degree that provides a strong background in science and research training, with the possibility of continuing on to postgraduate studies. Research studies are an important and central feature of the course, commencing at undergraduate level and leading to a full year of honours studies. A constant high level of achievement must be demonstrated throughout the program. Students gain advanced research skills in an area of contemporary science as well as demonstrated competence in generalist skills that will enhance their employability across a broad range of careers. Bachelor of Science Advance with Honours students have the opportunity to participate in leadership programs. The leadership programs assist students to develop a range of skills relevant to leadership in an academic and career context, with opportunities to practice leadership among their peers.

- **Campus**: On-campus (Clayton)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – a study of at least 35 in English (ESL) or 30 in any other English, a study score of at least 30 in mathematical methods (CAS) and in two of biology, chemistry, geography, physics or specialist mathematics. IB: A score of at least 5 in English SL or 4 in English HL, 6 in English B SL or 5 in English B HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL or 5 in further mathematics SL, and a score of at least 5 in biology SL or 4 in biology HL or 5 in chemistry HL or 5 in geography SL or 4 in geography HL or 5 in physics SL or 4 in physics HL.

### Double degrees

#### Bachelor of Arts (Global) and Bachelor of Science
This course ensures students will have an international experience to their tertiary studies. It includes the breadth and flexibility of the Bachelor of Science degree with the added opportunity for students to study up to three semesters overseas. The course includes core units in international and global studies. The international studies can be completed at a Monash off shore campus, South Africa, Prato Italy or Surway Malaysia or at one of more than 150 partner universities around the world.

- **Campus**: On-campus (Clayton)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics, and a study score of at least 30 in English (ESL) or 25 in any other English. IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, biology (any) or psychology (any), and a score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

#### Bachelor of Arts and Bachelor of Science
This double degree offers science students greater communication skills and arts students strong technological and scientific skills. Within this degree students can tailor a degree to include any of the areas of study available within arts and science, meeting that students have a unparalleled level of choice. Students must select to study at least one major sequence and one minor sequence from both arts and science and the four sequences must be from different areas. Graduates from this degree are independent and creative thinkers, and are able to approach scientific or social issues creatively making them well positioned for a large range of possible careers.

- **Campus**: On-campus (Clayton)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics, and a study score of at least 30 in English (ESL) or 25 in any other English. IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, biology (any) or psychology (any), and a score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

#### Bachelor of Biomedical Science and Bachelor of Science
This double degree program is for high-achieving students with an interest in both biomedical science and pure sciences. Fourteen biomedical core units provide students with the skills necessary to understand and investigate the functions of humans and other mammals. While studies within the Bachelor of Science will underpin or complement the studies undertaken in the biomedical sciences, these studies will be relevant to medical research and health care. As both science and biomedical science graduates are highly employable the combination of the two degrees will increase the career prospects of graduates. Graduates will be well prepared for employment in the health care and medical-related industries as well as areas requiring scientific knowledge and skills.

- **Campus**: On-campus (Clayton)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – a study score of at least 25 in chemistry and in one of mathematical methods (CAS), specialist mathematics or physics. IB: A score of at least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL, and a score of at least 5 in mathematics SL or 4 in mathematics HL, and a score of at least 4 in mathematics SL or 3 in mathematics HL or 4 in further mathematics SL or 4 in physics SL or 3 in physics HL.

#### Bachelor of Journalism and Bachelor of Science
This double degree recognizes the value of scientific discoveries to society and the important role the media performs in highlighting and explaining the significance of those discoveries. Students can combine the flexibility of a science degree with a professional journalism qualification. While attaining media, communication and journalism skills, students have the flexibility to study in any of the 21 different areas of study available at Monash Science. This course prepares graduates for the professional practice of journalism, while providing students with a broad science education. The journalism part of the degree addresses the professional practice of journalism, while providing students with a study of the important role the media performs in society and the important role the media performs in highlighting and explaining the significance of those discoveries.

- **Campus**: Caulfield (Journalism)/ Clayton (Science)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics, and a study score of at least 30 in English (ESL) or 25 in any other English. IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, physics (any) or psychology (any), and a score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

#### Bachelor of Science (Biotechnology) and Bachelor of Science (Medical Bioscience)
The course offers students a knowledge of science across a range of disciplines, with a particular understanding and appreciation of medical bioscience and biotechnology in tropical regions. Disciplines include anatomy, applied immunology, biochemistry, genetics, genomics, human physiology, microbiology, molecular biology, pathology and pharmacology. Students not only develop the skills to use sophisticated equipment, they also learn to work effectively within a team environment in a multidisciplinary setting, particularly in the field of patient care. Applied research projects (electives) in third and fourth year enable students to further develop their skills.

- **Campus**: On-campus (Malaysia)
- **Duration**: 4 years FT / 8 years PT
- **Prerequisites**: N/A
- **Prerequisites**: VCE: Units 3 and 4 – one of biology, chemistry, mathematical methods (CAS), physics, geography, psychology or specialist mathematics, and a study score of at least 30 in English (ESL) or 25 in any other English. IB: One of biology (any), chemistry (any), geography (any), mathematics SL, further mathematics SL, mathematics HL, physics (any) or psychology (any), and a score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.
Bachelor of Science and Bachelor of Computer Science

This double degree combines the best of both worlds. It offers graduates the strong communication skills, critical analysis and problem-solving ability of a science degree, plus numeracy and complex skills of an information technology degree. For the science component, students complete two science core units, a minor or major sequence in mathematics, and a major or minor sequence in another science area of study. The computer science component provides students with an in-depth study of computing with an emphasis on the software, hardware and theory of computation to solve a range of commercial, scientific and technical problems. It also explores software design and programming, computer hardware, the theoretical foundations of computing and its present and potential applications. High achieving students may apply to participate in the Industry Based Learning (IBL) stream of the Bachelor of Computer Sciences.

On-campus (Clayton) 4 years FT 8 years PT 82.8

VCE: Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 20 in mathematical methods (CAS) or specialist mathematics, or at least 35 in further mathematics.

IB: A score of at least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL, and a score of at least 3 in mathematics SL or 3 in mathematics HL or 3 in further mathematics SL or 6 in maths studies SL.

Bachelor of Science Areas of Specialisation

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<th>Undergraduate courses</th>
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<th>Gippsland</th>
<th>Malaysia</th>
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<td>Astronomy and astrophysics</td>
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<td>Biochemistry</td>
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<td>Biotechnology</td>
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<td>Chemistry</td>
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<td>Computational mathematics</td>
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<td>Ecology and environmental management</td>
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<td>Financial and insurance mathematics</td>
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<td>Information technology</td>
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<td>Zoology</td>
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2012 Indicative CSP fee: The fees that domestic students contribute while enrolled in a Commonwealth Supported Place (CSP) are listed against course offerings throughout this guide. These rates are indicative only and represent an average first-year contribution for 2012. Some adjustments will be made to fees for course commencement in 2013. Refer to www.monash.edu/fees. For the latest course details see www.monash.edu.au/study/coursefinder

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Double your career options

At Monash you can study for two degrees at the same time. You will graduate with two different bachelor degrees, giving you more career flexibility and opportunities. Double degrees are offered across all 10 faculties. You can study two degrees from two different faculties or both from the same faculty. The table below indicates which faculties offer which double degree combinations. Please see the managing faculty’s section in this guide for more information.

For a full list of Monash University double degrees please see www.monash.edu.au/study/coursefinder/level/undergraduate/#double

<table>
<thead>
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<th>Managing faculty</th>
<th>Art Design &amp; Architecture</th>
<th>Arts</th>
<th>Business and Economics</th>
<th>Education</th>
<th>Engineering</th>
<th>Information Technology</th>
<th>Medicine, Nursing and Health Sciences</th>
<th>Law</th>
<th>Pharmacy and Pharmaceutical Sciences</th>
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- Two degrees can be studied from the same faculty.
- Two degrees can be studied from two different faculties.
Admission and application

Entry requirements

Academic entry requirements

Victorian Certificate of Education

Completion of the Victorian Certificate of Education (VCE) or an equivalent qualification is the most common way to secure admission to undergraduate courses at Monash University. The minimum requirement for entry to Monash can be met by satisfactory completion of the VCE, including a study score of at least 30 in Units 3 and 4 of English (ESL) or 25 in any other English. In 2011, the Australian Tertiary Entrance Rank (ENTER) replaced the Equivalent National Tertiary Entrance Rank (ENTER). All Australian states and territories (except Queensland) adopted this nationally agreed name for their tertiary entrance ranks. This was a change in name only. There was no change to the calculation.

International students

You are an international student if you are not an Australian or New Zealand citizen, an Australian permanent resident or a holder of other types of permanent Australian visa. International students who are not studying for an Australian Year 12 qualification (e.g. VCE, HSC) or International Baccalaureate (IB) in Australia should refer to the Undergraduate Course Guide for International Students.

 Interstate and New Zealand qualifications

Interstate applicants may satisfy entry requirements on the basis of comparable Year 12 qualifications completed in other states of Australia. Applicants who have satisfied the entry requirements of a recognised Australian university outside Victoria are required to have undertaken an accredited Year 12 subject in English (any) or (for Northern Territory, South Australia or Tasmanian applicants), another English-rich Year 12 subject. The study score requirement for English as a Second Language (ESL) is higher than for general English subjects. Queensland applicants are given a notional Australian Tertiary Admissions Rank (ATAR – previously ENTER), which is derived from the OP and can be found in the table of OP to ATAR equivalents at www.qtac.edu.au/Applying-CurrentYr12/InterstateAdmissions.html.

New Zealand applicants may be considered for entry on the basis of satisfactory completion of the NCEA including:

- satisfactory completion of a least 80 credit points at level 3 in a list of approved subjects, and
- satisfactory completion of at least 18 credit points at level 3 in English or an English-rich NCEA subject.

For the list of approved NCEA subjects and the list of English-rich NCEA subjects, see www.adm.monash.edu/admissions/undergrad/entryrequirements/year-12.html.

International Baccalaureate (IB)

Monash University accepts the successful completion of the International Baccalaureate diploma with a score of 4 in English SL or 3 in English HL as satisfying the academic requirements for admission to undergraduate courses. Some courses have higher requirements. For example, the Bachelor of Biomedical Science and Bachelor of Engineering double degree requires a score of 5SL or 4 HL. Students completing the IB diploma will receive a notional ATAR and will be selected alongside VCE students. Refer to the specific entry requirements for particular courses listed in this guide and Course Finder (www.monash.edu/study).

Post-secondary qualifications

Minimum entry requirements for Monash University can also be satisfied by:

- completion of the full first year of a certificate or diploma (Certificate IV level or above) offered by a TAFE institute or registered training organisation with scored or graded results, or
- a minimum of two semester-length units of a course or non-degree studies taught by Monash, another Australian university or Open Universities Australia.

Aptitude tests

Applicants who do not have other qualifications that can be considered for entry may be considered for admission to courses in information technology or nursing on the basis of an approved aptitude test such as the Special Tertiary Admissions Test (STAT). For information on the availability of STAT sittings, go to www.vtac.edu.au.

English language requirements

All Monash applicants must satisfy the minimum English language requirements of the university. The English entry requirements for undergraduate courses can be met in one of the following ways:
specific course admission requirements

As well as satisfying the minimum entry requirements outlined above, applicants must satisfy any course-specific entry requirements to be eligible for selection. These requirements are outlined in individual course entries in this guide and in the VTAC Guide 2013.

UMAT

Domestic students applying for any of the following courses at Monash University in 2013 must apply to sit the Undergraduate Medicine and Health Sciences Admission Test (UMAT) in 2012 as part of the admission requirements:

— Bachelor of Medicine
— Bachelor of Surgery
— Bachelor of Physiotherapy

UMAT is developed by the Australian Council for Educational Research (ACER). The test is used specifically to assist with the selection of students into the medicine, dentistry and health science degree programs at undergraduate level.

For more details, including registration dates, visit the UMAT website at www.umat.web.acer.edu.au or contact the UMAT Office at the Australian Council for Educational Research (ACER), telephone 03 8506 7643 or email umat@acer.edu.au.

Eligibility score

Monash University has set a minimum eligibility score for all bachelor's courses based on ATAR scores. A list of the university’s eligibility scores can be found at www.goingtouni.gov.au. Note that the university also has an overall minimum ATAR score of 70.00 for all bachelor's courses. Applicants with a score under 70.00 can only make an offer for a course at Monash if they have received a special consideration bonus that lifts their score above 70.00.

1. Year 12 (VCE) English (any) and ESL

— a score of 25 in units 3 and 4 of VCE English, VCE English Language or VCE Literature, or
— a score of at least 30 in units 3 and 4 of VCE English as a Second Language (ESL).

Some courses have a higher requirement. For example, the Bachelor of Biomedical Science and Bachelor of Engineering double degree requires a score of 30 for English or 35 for ESL.

Other qualifications or test results may meet the English entry requirements subject to approval by the University.

2. Applicants whose secondary schooling was entirely in English

Applicants for undergraduate courses whose secondary schooling was entirely in an English medium school may fulfill the English language entry requirements by one of the following:

A. Gaining the required score in a VCE English subject as stated in an equivalent Year 12 or university foundation English subject.

B. Successfully completing a sufficient period of tertiary study at a sufficiently advanced level. The applicant must have completed satisfactorily the equivalent of a standard full-time year of either:

— university study, or
— study in a TAFE or VET diploma program (some but not all certificates IV meet the requirement), or
— study in a program that has been assessed as being taught at a level equivalent to Monash University undergraduate study.

C. Successfully completing two units in a university where English is the language of instruction and assessment, provided that at least one of the units is English-rich. For more detailed information visit www.adm.monash.edu/admissions/undergrad/entry-requirements/english-requirements.html.

D. Successfully completing a certificate IV that has been approved by the university as requiring sufficient English skills to meet the English entry requirements.

English language policy

Read the full text of Monash University’s English language policy at www.policy.monash.edu/policybank/academic/education/admissions/admissionscoursework-courses-units-of-study-procedures.html. Some courses have higher English language requirements.

3. Applicants whose secondary schooling was not entirely in English

Applicants for undergraduate courses whose secondary schooling was not entirely in an English medium school may fulfill the English language entry requirements by one of the following (any result or qualification listed must have been gained or completed within the two years prior to commencement of the course in which enrolment is sought or within five years for a completed bachelors-level degree):

A. Gaining the required score in a VCE English subject as stated in 1 above, or an equivalent result in an equivalent Year 12 or university foundation English subject.

B. Successfully completing a sufficient period of study, at a sufficiently advanced level, in an English medium institution, or substantial English medium school or department within a larger institution. The applicant must have completed satisfactorily the equivalent of a standard full-time year of either:

— study in a university undergraduate award program, or
— study in a TAFE or VET diploma program, or
— study in a program that has been assessed as being taught at a level equivalent to Monash University undergraduate study.

C. Gaining the required result in one of the following tests of English language:

— a minimum overall IELTS test score of at least 6.5 with no individual band scores less than 6.0
— a TOEFL minimum test score of either:
  — in the paper-based TOEFL, 580 with a Test of Written English (TWE) score of at least 4.5
  — in the internet-based TOEFL, an overall score of at least 90 with at least 22 in the written section, and no less than 20 in any section.
— Pearson Test of English (Academic) with a Minimum overall score and No PTE communicative skills score below 50.

The Cambridge Certificate in Advanced English and Certificate of Proficiency in English are also accepted for most courses. For entry requirements, refer to www.monash.edu/policybank/academic/education/admissions/admissionscoursework-courses-units-of-study-procedures.html.

D. Successful completion of the English Language Bridging Program, at the appropriate level, at the Monash University English Language Centre or another program approved as equivalent.

Graduate courses and some specific undergraduate courses have higher English requirements. For more information, visit Course Finder online to view the specific course requirements for any Monash University course: www.monash.edu/study/coursefinder.

Don’t meet the English language requirements?

For students who do not currently meet the English language requirements, the most effective pathway is to undertake an English course at the Monash University English Language Centre. The centre is one of Australia’s largest and most prestigious language centres. It offers the English Language Bridging Program (ELBP) to students who satisfy the Monash academic and age requirements but narrowly miss the English requirement. The program provides skills and strategies to successfully complete academic tasks and improves English language proficiency. For students who are not eligible for the ELBP, the centre also offers the English for Academic Preparation course and an IELTS preparation course. For more information, visit www.monash.edu/englishcentre.

English language policy

Read the full text of Monash University’s English language policy at www.policy.monash.edu/policybank/academic/education/admissions/admissionscoursework-courses-units-of-study-procedures.html.

Additional entry requirements

Age requirement

Students at Monash University must normally be 17 years of age at the date of enrolment in the course. Applicants aged 16 may be admitted if they have excellent Year 12 results (an ATAR of 95 or better), or the approval of the dean of the faculty. Applicants aged below 16 are only permitted to enrol in exceptional circumstances. Some additional information about the age requirement and exceptions is available at www.monash.edu/study/applications/undergraduate/age.html.

Specific course admission requirements
Monash Extension

Students undertaking university-level Extension studies as part of their VCE Year 12 program will satisfy tertiary entry requirements in the normal way through the successful completion of VCE. Their full academic record will be taken into account in the ranking process for admission, and the result obtained in the Monash Extension subject can be counted in place of a fifth or sixth VCE study in determining their ATAR.

For more information, contact Onshore Student Recruitment on 03 9903 4756. See www.monash.edu.au/extension.

Deferment

Monash University generally allows deferment of an offered place for a period of up to one academic year, except where the student intends to study elsewhere. In these cases, the faculty will determine whether the deferment is appropriate. Applications for a deferment longer than one year can be considered in exceptional circumstances. Applications for deferment must be made via the Web Enrolment System (WES) or on a Deferment Application Form and lodged with the relevant faculty prior to the conclusion of the specified enrolment time. See deferment information on the enrolments website at www.monash.edu.au/enrolments/first-time/domestic/decide-offer.html.

Application

How to apply

www.monash.edu/study/local/how-to-apply.html

The following procedures are in place for Australian citizens and those with permanent resident status, or New Zealand citizens. Note that Australian citizens are not permitted to apply for entry into undergraduate courses at Monash Malaysia or South Africa campuses under current Australian government legislation.

Apply through VTAC

All applicants for undergraduate courses must apply via the Victorian Tertiary Admissions Centre at www.vtac.edu.au, unless specified in this course guide. Applications to VTAC open at the beginning of August and usually close at the end of September.

Direct enquiries to Monash

For initial enquiries about entry to Monash, domestic students should contact faculties, which are listed in this guide, or visit www.monash.edu/future.

Off-campus course enquiries

Monash University courses offered by off-campus learning span a wide range of industries and interest areas and range from undergraduate degrees to postgraduate coursework and doctorates. Applications for courses that offer off-campus learning should be made directly to the university.

For further information, including course outlines, visit www.monash.edu/offcampus/courses.html.

Applicants who have completed VCE

For applicants who are school-leavers, the selection for most courses is based on academic merit as measured by an applicant’s Australian Tertiary Admissions Rank (ATAR).

Selection may involve a two-stage process. First, ATAR alone for those applicants clearly above the minimum required standard. Second, consideration for applicants closer to the minimum required score for passing or achieving a set level of performance in relevant VCE studies. Some courses use other requirements in selection, for example an interview, supplementary application form, audition, folio of work, or admissions test. Applicants should refer to the extra requirements section of their course of interest in the VTAC Guide 2013.

International students undertaking Year 12 or IB in Australia

International students completing an Australian Year 12 qualification or the International Baccalaureate in Australia should apply through the Victorian Tertiary Admissions Centre (VTAC). Visit www.vtac.edu.au.

Fees

In the Australian higher education system, Australian citizens, New Zealand citizens or holders of an Australian permanent visa are classified as domestic students. Monash University offers eligible domestic students a Commonwealth Supported Place (CSP). The Australian Government requires students in a Commonwealth Supported Place to contribute to the cost of their education. This means that students pay a proportion of the cost of their course (through a Student Contribution Amount) and the government funds the balance.

The Student Contribution Amount that students pay while enrolled in a Commonwealth Supported Place in 2012 are listed against course offerings throughout this guide. These rates are indicative only and represent an average annual contribution for 2012.

Student contribution amounts (SCA) for course commencement in 2013 will be different. Monash’s Course Finder at www.monash.edu/study/coursefinder provides course details and the average annual SCA fees. Students enrolled at Monash University are also required to pay a Student Services and Amenities Fee. Information is available at: www.monash.edu.au/fees/amenities.html

Access Monash

www.monash.edu/access
Access Monash is a program of support, entry pathways, partnerships, scholarships and bursaries providing fair and equitable access to a Monash education. It includes:

— Special Entry Access Scheme
— Diploma of Tertiary Studies
— Vice Chancellors Access Monash Scholars Program
— Indigenous non-award (pathway)
— single-unit enrolment
— scholarships and bursaries
— student loans.

*Applications are made through VTAC when applying for entry.

Scholarships

www.monash.edu/scholarships
For information about scholarships available at Monash University, see page 16 in this guide.

Student loans

www.monash.edu/financial-assistance
Monash University may be able to provide small interest-free loans to students in genuine financial need. To be eligible, students must be currently enrolled at Monash.
A scholarship can make a world of difference

We think you should be rewarded for your dedication and talent. That’s why we offer one of the most comprehensive scholarship programs in Australia.

Scholarships are made available to reward academic achievement and to give support to those who need a helping hand.

Find out more www.monash.edu/scholarships
Monash Open Day is all about finding the course and the opportunities that will give you the skills and the confidence to make a world of difference to your life and the lives of others.

Saturday, 4 August, 10am – 4pm Berwick, Gippsland and Peninsula
Sunday, 5 August, 10am – 4pm Caulfield, Clayton and Parkville

For more information or to register visit monash.edu/openday or call 1800 MONASH

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