Collaboration is the key to modern learning – sharing ideas, looking at an issue from a range of perspectives, and working together to solve problems. At Monash our scale means you’ll have access to a wider variety of opportunities: more research projects, more international exchanges, and more campuses from which to choose. Plus, you’ll be able to tap into a 300,000-strong alumni network spread across the globe.

At Monash you can start your course in Australia, then continue your studies at one of our locations in Italy, Malaysia, India or China. By being exposed to new cultures and different perspectives, you’ll be better prepared for the global workforce.

We offer one of the largest ranges of degree and double degree courses in Australia. It means you can better match your studies to your interests, and get a broader education that will set you ahead of your peers.

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Monash University is the largest university in Australia, and among the most highly regarded in the world. Monash students leave with a greater sense of purpose, a global outlook, and the skills and confidence to make positive change – to their own lives, and to the lives of those around them.

Here’s what sets us apart:

**INTERNATIONAL**
At Monash you can start your course in Australia, then continue your studies at one of our locations in Italy, Malaysia, India or China. By being exposed to new cultures and different perspectives, you’ll be better prepared for the global workforce.

**GREATER CHOICE**
We offer one of the largest ranges of degree and double degree courses in Australia. It means you can better match your studies to your interests, and get a broader education that will set you ahead of your peers.

**MORE OPPORTUNITIES**
Collaboration is the key to modern learning – sharing ideas, looking at an issue from a range of perspectives, and working together to solve problems. At Monash our scale means you’ll have access to a wider variety of opportunities: more research projects, more international exchanges, and more campuses from which to choose. Plus, you’ll be able to tap into a 300,000-strong alumni network spread across the globe.

**A GENUINE CAMPUS EXPERIENCE**
Monash has a number of specialised, self-contained campuses across Melbourne and in Malaysia. We also have locations in Italy, India and China. Each has its own personality, and a distinct feel – large enough to offer the services you’d expect from an international university, but with an intimate campus character. Wherever you study with us, you’ll feel part of a unique learning community.

Monash offers great flexibility, allowing you to tailor your course to best suit your needs – full-time or part-time, on campus or off, at home or overseas. Study Monash.

monash.edu
There are many reasons to study at Monash. Progressive. State-of-the-art. World-class. While we tick all these boxes, we prefer to tell you why we’re different.

At Monash you’re at the centre of everything we do. We combine modern teaching practices with the latest technological advances. New ways of teaching and learning are constantly developed, tested and integrated into your course to ensure you get the best university experience.

With small class sizes and supportive tutors you’ll graduate ready to take on the jobs of today as well as the jobs of the future.

HOW WILL YOU LEARN AT MONASH?

Dynamic, two-way classrooms

Integrated leadership programs

Work-integrated learning

Mentorship opportunities with industry leaders

Volunteering opportunities

Getting career-ready.

Student Futures is a new online tool designed to help you prepare for your future career.

monash.edu/student-futures
AN INTERNATIONAL EXPERIENCE

People are connected as never before. At Monash, we encourage you to see the world, because understanding others adds so much to your educational experience.

Take a semester at the University of Warwick in the UK, go to New York as part of the Monash Global Discovery Program, or complete an international internship with Oxfam in South Africa.

There are many opportunities to study abroad. These programs are supported by a generous scholarships and assistance program.

monash.edu/study-abroad

TRAVEL TO NEW YORK

DID YOU KNOW?

In 2015, the Monash University Global Leaders Network US chapter funded eight students to travel to New York City as part of the Monash Global Discovery Program.

monash.edu/students/notices/global-discovery

EXCHANGE OPPORTUNITIES

Asia, Africa, Europe, America.
Choose from more than 100 PARTNER INSTITUTIONS gaining credit towards your degree while seeing the world.

OVERSEAS INTERNSHIP

Intern at the UNITED STATES CONGRESS or with Oxfam in South Africa.

MONASH MALAYSIA

Spend a semester at our MONASH MALAYSIA CAMPUS

IT COSTS LESS THAN YOU THINK

When you apply for any overseas opportunity through Monash Abroad you’re automatically considered for THE MONASH ABROAD TRAVEL SCHOLARSHIP

MONASH PRATO, ITALY

Choose from a wide range of programs – including Italian, law or criminology.

DID YOU KNOW?

With 60,000 students and 300,000 alumni from more than 170 countries, Monash is Australia’s largest university.

BREANNON FINNIGAN

Business student (human resource management)

“My degree has taken me all over the world. I worked at an event management office in London and studied abroad at Monash Prato in Italy.”

monash.edu/study-abroad

GET READY TO SEE THE WORLD

“People are connected as never before. At Monash, we encourage you to see the world, because understanding others adds so much to your educational experience.”

monash.edu/study-abroad
OUR CAMPUSES

Monash has four Melbourne-based campuses, as well as teaching locations in the Melbourne CBD. We have a campus in Malaysia, a joint graduate school in China, a learning centre in Italy, and a research centre in India. We also deliver awards at other locations with partners such as Laureate International in South Africa.

Each Monash campus has its own personality, but all are friendly, respectful and welcoming communities where you will feel at home.

monash.edu/campuses

Clayton

Live, study and play at Clayton. Designed to give you everything you need all in one place, Clayton is our largest campus with more than 24,000 students.

You will learn alongside students from eight of Monash’s 10 faculties. You could be lunching with linguists or playing football with physicists. Make friends, find study partners, expand your mind.

Beautiful natural features such as the Rainforest Garden or the Lemon-scented Lawn complement on-campus arts spaces, sporting facilities and a variety of food and drink outlets. With every amenity close by, Clayton is a university town.

Caulfield

Caulfield, our second-largest campus, is a hive of collaboration and creativity for fine arts, design and architecture, business and journalism. Cafés, sporting facilities and a new library surround the newly developed Campus Green and Sound Shell, a focal point for student gatherings. Next to the campus you’ll find a large supermarket and a variety of restaurants.

Caulfield train station, a public transport hub, is just metres away, taking you to the city in less than 20 minutes.

Peninsula

A small, community-focused campus, Peninsula is strategically located next to some of Victoria’s major teaching hospitals. Choose from courses in business, education or health sciences.

Outside the classroom, studying at Peninsula allows easy access to Mornington Peninsula beaches, national parks and great food.

Parkville

Parkville, our specialist pharmacy and pharmaceutical sciences campus, is in the heart of Australia’s top health and biomedical precinct.

Our neighbours include major hospitals, the Walter and Eliza Hall Institute, the Howard Florey Institute, CSL Limited, the Ludwig Institute for Cancer Research and CSIRO’s Division of Health Sciences.

Surrounded by parks, it’s a short tram ride from central Melbourne and within walking distance of the vibrant inner-city suburbs of Carlton and Brunswick, which have contributed much to Melbourne’s artistic and multicultural soul.

It’s also home to our research arms, the Monash Institute of Pharmaceutical Sciences and the Centre for Medicine Use and Safety.

Did You Know?

Studying at Caulfield but want to take some units at Clayton? Most of our Melbourne campuses are connected via a network of free shuttle buses. Many students who study at Caulfield live on the Clayton campus.
To get the full university experience, live on-campus at Monash. With everything close by, you can practically hop out of bed and go straight to your classes. Want to go for a swim? The pool is next door. Grocery shopping? The supermarket is a five-minute walk away. Banks, cafes, restaurants, parks, libraries, sporting facilities and a cinema—all are within easy reach.

Living on-campus is a great way to experience university life. Make new friends, be part of the Monash community and take the stress out of hunting for a place to live.

Our residential support teams are always on hand to assist with your transition to campus living and help you make the most of your university experience.

Monash on-campus accommodation is available at Clayton and Peninsula campuses. Book early to secure your place.

DID YOU KNOW?

Living on-campus is less expensive than comparable private rentals. Prices start at $230 per week. This gets you a fully furnished apartment with all utilities included. Accommodation scholarships are available if you have experienced disadvantage, live in a regional or remote area, or identify as an Indigenous Australian.

OFF-CAMPUS ACCOMMODATION

Not interested in living on-campus? There are plenty of off-campus options.

If you need help deciding or advice on how to get started, give us a call. We will be happy to help you with any queries you have—not just before arriving, but throughout your entire time at Monash.

mrs.monash.edu

mrs.monash.edu/offcampus
ALEKS’ WEEK AT MONASH

MONDAY
7.30AM: Swim at The Doug Ellis Swimming Pool, Clayton campus monash.edu/sport
8.30AM: Coffee at Clayton Campus Centre
9–10.30AM: French lecture
11AM–NOON: Theatre lecture
NOON–1.30: Lunch at MSA Wholefoods restaurant and café with friends
1.30–2.30PM: Theatre tutorial
2.30–3PM: Free time listening to buskers on campus
3PM: Leave for home

TUESDAY
9.30–10.45AM: Independent study
11AM–NOON: French workshop
NOON: Weekly clubs and societies free barbecue; buy tickets for upcoming events monashclubs.org
12.30–2PM: French workshop continues
3PM: French tutorial
4.30PM: Part-time job at café close to Clayton campus monash.edu/students/career-connect

WEDNESDAY
10AM–NOON: Independent study
1PM–4PM: Volunteering as a youth mentor and counselor monash.edu/volunteer
4.30PM: Part-time job

THURSDAY
8–9.30AM: Business statistics tutorial at Caulfield campus
9.30–10AM: Coffee break at Café MONSU, Caulfield
10AM–NOON: Business statistics lecture
NOON–1.30PM: Lunch at Thai restaurant near Caulfield campus
2PM: Buyer behaviour marketing tutorial
3–4PM: Free time
4PM: Buyer behaviour marketing lecture
5.30PM: Twilight outdoor film screening on the Caulfield Campus Green

FRIDAY
10AM–12.30PM: Groupwork study sessions at Clayton campus
12.30–2PM: Watch lunchtime performers on campus
2–3PM: Independent study
3PM: Leave for home

WHAT I LOVE [ABOUT UNIVERSITY] IS THAT YOU’RE ABLE TO PLAN THE WEEK AROUND YOUR LIFE AND COMMITMENTS. YOU CAN ARRANGE YOUR LECTURES SO YOU HAVE TIME TO GET INVOLVED IN ALL THE THINGS HAPPENING ON CAMPUS, LIKE SPORT AND SOCIAL EVENTS, AND FIT IN A PART-TIME JOB. YOU HAVE FLEXIBILITY IN HOW YOU LEARN.

ALEKS CORKE
Arts and marketing

STUDENT LIFE
Uni life can be as incredible as you want it to be. Here’s the secret – real knowledge doesn’t just happen in a lecture theatre.

At Monash, we encourage you to meet people and discover opportunities you never thought possible.

Get involved in clubs and societies. Make new friends. Volunteer at an organisation of your choice. Life at Monash is full of opportunities.

Pictured: Aleks Corke (Bachelor of Arts and Bachelor of Marketing) with Helena Doon and Janki Trivedi at Monash Clayton.

“Uni life can be as incredible as you want it to be. Here’s the secret – real knowledge doesn’t just happen in a lecture theatre.

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ALEKS CORKE
Arts and marketing
COMPREHENSIVE COURSES

3 YEARS OR 4 YEARS (HONOURS DEGREE)

In a comprehensive course, you can choose your major right away, or wait until second year to decide. You can then structure the rest of your course based on your interests – do two majors, an extended major or choose units from different fields. Monash offers comprehensive courses in arts, business, commerce, information technology and science.

When you graduate, your testamur will include the major you've completed, with up to two being listed. For example, Bachelor of Arts, with majors in journalism and politics.

*You must satisfy the entry requirements for each elective unit.

SPECIALIST COURSES

3 YEARS OR 4 YEARS (HONOURS DEGREE)

If you have a specific career goal, such as to become an engineer, accountant, teacher or an architect, you can specialise from day one. Many of our specialist courses fulfil the academic requirements you’ll need to register with professional accreditation bodies. When you graduate, your degree will reflect your specialisation – for example, Bachelor of Civil Engineering (Honours) or Bachelor of Education (Honours) in Primary Education.

FLEXIBLE COURSE OPTIONS

It doesn’t matter where you’re from, if you’ve just finished Year 12 or returning to study, as long as you have the drive to pursue, question and achieve, we’ll help you get there.

At Monash, our courses are designed for ultimate flexibility. If you have a profession in mind – such as doctor or engineer – you can specialise from day one. If you need more time to figure things out, you can explore various subjects first.

You can choose from two types of undergraduate courses – comprehensive or specialist. Each offers distinct benefits, but both offer a world-class education. Alternatively, you can choose to study two courses at the same time, with a choice of more than 140 double degree combinations.

DID YOU KNOW?

If you complete a four-year specialist or comprehensive course you’ll graduate with an honours degree. Many students use this as a fast track to a master’s. If you choose to complete one more year of study, you’ll graduate with an expert master’s degree in the same field.

DID YOU KNOW?

Need help deciding on the right course for you? You can talk to a Monash course adviser today.

1800 MONASH (1800 666 274)
future@monash.edu

DID YOU KNOW?

If you complete a four-year specialist or comprehensive course you’ll graduate with an honours degree. Many students use this as a fast track to a master’s. If you choose to complete one more year of study, you’ll graduate with an expert master’s degree in the same field.

1800 MONASH (1800 666 274)
future@monash.edu
DOUBLE YOUR OPTIONS WITH A DOUBLE DEGREE

WHAT IS A DOUBLE DEGREE COURSE?

A Monash double degree course allows you to study towards two degrees at the same time. This means you can keep your options open, develop expertise in different but complementary areas, or simply pursue two areas of interest in greater depth. You’ll be presented with two testamurs – one for each degree completed.

More than 140 double degree combinations are available.

HOW LONG DOES IT TAKE?

A double degree course takes two years less to complete than studying towards the two degrees separately. This is because the required units in one course count as electives in the other.

For example, if you decide to take a Bachelor of Engineering (Honours) and a Bachelor of Commerce, it will take you five years instead of seven.

ENTRY REQUIREMENTS

For ATAR-based admission to double degree courses, generally the higher clearly-in ATAR for the two component single degree courses is a good indicator of the likely clearly-in ATAR for the double degree course. Where there is a range of criteria for one of the component courses, these criteria will still apply to the double degree course. In each case you should expect to meet the entry level of each of the single degree courses. Some double degree courses may require you to study across two campuses in order to complete your course.

See page 94 for full entry requirements.

UNDERGRADUATE/GRADUATE DOUBLE DEGREE COURSES

Some courses incorporate an undergraduate and graduate element. They’re designed as a combination but studied consecutively to allow you to practise in a regulated field. After five years you’ll graduate with both a bachelor’s and a graduate master’s degree.

These courses are:
- Bachelor of Architectural Design and Master of Architecture
- Bachelor of Medical Science and Doctor of Medicine
- Bachelor of Pharmacy (Honours) and Master of Pharmacy

In addition, the Bachelor of Arts offers an accelerated master’s pathway that enables you to complete the bachelor and master’s in four years.

* Visual arts specialisation only
At Monash, we understand that your ATAR may not reflect your true potential to succeed at university. That’s why we have a range of pathway programs, special-entry schemes and scholarships to help you bridge the gap.

Whether you’re from an under-represented community, returning to study as a mature-age student, or just missed out on your preferred course, we can help.

**THE MONASH GUARANTEE**

If you are financially disadvantaged, an Indigenous Australian or completing Year 10 at a Monash listed under-represented school, you could be eligible for a guaranteed place at Monash – even if your achieved ATAR is below the clearly-in rank.

Every Monash course has a Monash Guarantee ATAR listed in the at-a-glance table on pages 90 to 93. If you achieve the Guarantee ATAR for your chosen course and complete all course prerequisites and extra requirements, you will be eligible for a guaranteed place.

monash.edu/guaranteedentry

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**DIPLOMA OF TERTIARY STUDIES (DOTS)**

If you haven’t achieved the ATAR score you expected, or are returning to study after working or raising a family, DOTS enables you to apply to Monash and immediately begin studying first-year units at the Peninsula campus. You just need to have achieved an ATAR of 50.00 or above, or achieved the required grades in a Certificate IV or Diploma. Successful DOTS graduates transfer into the second year of selected Monash courses, allowing you to graduate with a full Monash undergraduate degree in as little as three years. DOTS offers streams in business, education and nursing.

monash.edu/pathways

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**SPECIAL ENTRY ACCESS SCHEME (SEAS)**

If your circumstances might have affected your ATAR, then you can apply for SEAS. You’ll receive bonus points to boost your ATAR, giving you a better chance of getting into your preferred course.

Relevant circumstances include being an Indigenous Australian, having financial difficulty, personal circumstances, school or home location, disability or medical condition, mature age, and non-English-speaking background.

monash.edu/seas

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**DIPLOMA OF HIGHER EDUCATION (DOHE)**

If you didn’t get the ATAR required for direct entry into the Bachelor of Science at Monash, the Diploma of Higher Education can provide you with an alternative entry pathway. This one-year course is equivalent to the first year of a university undergraduate course.

Once you complete it successfully, you’ll be able to progress into the second year of the Bachelor of Science or a double degree Bachelor of Education (Honours) and Bachelor of Science.

monash.edu/pathways

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**TAFE/VET ENTRY PATHWAYS**

A VET qualification is a good stepping-stone into Monash University. You may receive credit for previous studies, but note that some courses have additional entry requirements such as prerequisite studies, interviews, admission tests and folios.

If there are certain academic requirements you need to fulfil, you can complete specific single units at Monash. If you’ve been out of study for some time, you can go through the Monash Access Program for mature-age students.

monash.edu/pathways

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**MONASH COLLEGE**

Monash College offers accredited diploma programs that lead to the faculties of Arts, Art, Design and Architecture, Business, Engineering, Information Technology and Science at Monash University. These diplomas provide the opportunity to directly enter the second year of selected Monash University courses based on successful completion of the program. These diplomas are full-fee-paying but scholarships may be available for Australian students who have experienced disadvantage.

Monash College is owned and operated by Monash University.

monashcollege.edu.au

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**INDIGENOUS ENABLING PROGRAM (IEP) AND INDIGENOUS NON-AWARD PATHWAY (INAP)**

If you’re an Indigenous Australian who is motivated to study but don’t meet the prerequisites or admission requirements for your course of choice, the Indigenous Enabling Program and the Indigenous Non-Award Pathway are designed to support you. Both programs are designed to prepare you for successful outcomes in your university studies.

They are run by the Yulendj Indigenous Engagement Unit, which also provides support services to Indigenous students including assistance in applying for courses, scholarships and bursaries, course selection, on-campus accommodation and academic support.

monash.edu/about/indigenous/students

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**SCHOLARSHIPS**

If you have an excellent academic record, outstanding leadership skills, or have experienced disadvantage, then you may be eligible for a scholarship.

Monash offers a range of scholarships that reward excellence and promote equity, including the Sir John Monash Scholarship program. Designed to give you the best possible start to your future, a scholarship can help with study and living costs, travel grants or course fee payment.

monash.edu/scholarships
### ART, DESIGN AND ARCHITECTURE

**Architectural Design** 20
- 10 majors, 10 minors

**Design** 40
- Communication design
- Industrial design

**Fine Art** 50
- Art history and curating
- Fine art
- Visual arts (only as a double degree)

**Interior Architecture** 60

### ARTS, HUMANITIES AND SOCIAL SCIENCES

**Arts** 22
- 30 majors, 38 minors

**Global studies** 52
- Global cultural literacies
- International relations
- International studies

**Music** 66
- Creative music technology
- Ethnomusicology and musicology
- Music composition
- Music performance

### BUSINESS

**Business** 28
- 10 majors, 10 minors

**Business Administration** 30
- Accountancy
- Finance and economics
- Marketing practice

**Business Specialist** 32
- Accounting
- Banking and finance
- International business
- Marketing

**Commerce** 34
- 9 majors, 8 minors

**Commerce Specialist** 36
- Actuarial science
- Economics
  - Economics and economic policy
  - Mathematical economics and econometrics
- Finance

### EDUCATION

**Education (Honours)** 42
- Early years and primary education
- Early years education
- Primary and secondary education
- Primary and secondary health and physical education
- Primary and secondary inclusive education
- Primary education (can be studied as a double degree)
- Secondary education (studied as part of a double degree)
- Secondary health and physical education

### ENGINEERING

**Engineering (Honours)** 46
- Aerospace engineering
- Chemical engineering
- Civil engineering
- Electrical and computer systems engineering
- Environmental engineering
- Materials engineering
- Mechanical engineering
- Mechatronics engineering
- Mining engineering
- Software engineering

### INFORMATION TECHNOLOGY

**Computer Science** 38
- Advanced computer science
- Data science

**Computer Science Advanced (Honours)** 39

**Information Technology** 56
- 5 majors, 15 minors
- Software engineering is studied as a specialisation of the Bachelor of Engineering (Honours). See page 49 for more information.

### LAW

**Laws (Honours)** 62

### MEDICINE, NURSING AND HEALTH SCIENCES

**Biomedical Science** 26

**Biomedical Science Advanced (Honours)** 27

**Health Sciences** 54
- Emergency health and paramedic practice
- Human services
- Public health science
- Radiation sciences

**Medical Science and Doctor of Medicine** 64

**Nursing** 68

**Nursing and Midwifery (Honours)** 69

**Nutrition Science** 70

**Occupational Therapy (Honours)** 72

**Physiotherapy (Honours)** 78

**Psychological Science Advanced (Honours)** 79

**Radiography and Medical Imaging (Honours)** 80

### PHARMACY AND PHARMACEUTICAL SCIENCES

**Pharmaceutical Science** 74
- Drug discovery biology
- Formulation science
- Medicinal chemistry

**Pharmaceutical Science Advanced (Honours)** 75
- Drug discovery biology
- Formulation science
- Medicinal chemistry

**Pharmacy (Honours)** 76

### SCIENCE

**Science** 82
- 26 majors, 22 minors

**Science Advanced – Global Challenges (Honours)** 84

**Science Advanced – Research (Honours)** 85

### TECHNOLOGY

**Computer Science** 38
- Advanced computer science
- Data science

**Computer Science Advanced (Honours)** 39

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**Nutrition Science** 70

**Occupational Therapy (Honours)** 72

**Physiotherapy (Honours)** 78

**Psychological Science Advanced (Honours)** 79

**Radiography and Medical Imaging (Honours)** 80

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**Physiotherapy (Honours)** 78

**Psychological Science Advanced (Honours)** 79

**Radiography and Medical Imaging (Honours)** 80

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BACHELOR OF ARCHITECTURAL DESIGN AND MASTER OF ARCHITECTURE

Successful architecture revitalises a city, makes housing affordable and helps us live more sustainably.

With this straight-from-school architecture course, you’ll specialise from year one and learn to respond to a range of complex contemporary issues facing the built environment to become a thoughtful maker of tomorrow’s world.

Architectural design is the first stage of our five-year bachelor’s/master’s professional qualifications in architecture. Successful completion of the bachelor’s degree guarantees access into the two-year Master of Architecture course.

DEGREE AWARDED
• Bachelor of Architectural Design, or
• Bachelor of Architectural Design (Scholars Program)

DOUBLE DEGREES
Architectural design and
• Engineering (Honours) – civil engineering specialisation [3 year]
• Master of Architecture [3 year]

PREREQUISITE STUDIES
VCE
English: Units 3 and 4; a study score of at least 30 in English (EAL) or 25 in English other than EAL
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

SELECTION REQUIREMENTS
School leavers and applicants with no previous studies in architecture need to complete a pre-selection activity to determine if they will progress to an interview. Go to monash.edu/mada/apply to register.
Applicants with a background in architecture will need to present their folio during the interview process and provide a course syllabus. Please check study.monash.courses for up-to-date information before applying.

Your final ranking is based on a range of criteria – pre-selection activity, folio, and ATAR or GPA.

PRE-SELECTION ACTIVITY
Architects typically express their designs through drawings, photography, digital images and text, but we don’t expect you to have these skills yet – the pre-selection activity isn’t about showcasing your design or drawing skills. You’ll be asked to respond to an issue through text and image, and you won’t be disadvantaged if you haven’t completed studio art or visual communication design.

INTAKE
February

DID YOU KNOW?
High-achieving Year 12 applicants will automatically be considered for the Architectural Design Scholars Program. This comes with an annual scholarship of $6000 for the duration of the Bachelor of Architectural Design course. In addition to financial rewards, architectural design scholars will have access to a range of development opportunities to provide them with an edge in the industry. Scholars will be mentored by a leading architect, and participate in a leadership workshop series.

$6000 SCHOLARSHIP

Pictured: The Sound Shell at our Caulfield campus. As a Monash architecture student you’ll participate in collaborative studio work, such as our Design – Make studio. In 2015, our architecture students collaborated with Kassel University in Germany to create a unique, multi-purpose performance space for our Caulfield campus. The Caulfield Sound Shell is comprised of thousands of individual pieces of timber. It was designed and built by students using the latest robotic fabrication technology.
ARTS

BACHELOR OF ARTS

Arts at Monash is a comprehensive gateway to a wide range of fascinating and rewarding areas of study across the arts, humanities and social sciences.

You’ll learn to take an innovative approach in tackling world issues while fostering a global perspective. You’ll also develop the leadership and research skills, advanced discipline knowledge and self-reliance to acquire information, assess evidence and convey complex ideas in speech and writing in order to answer complicated questions.

With the scope to choose from almost 40 major and minor areas of study, including languages, social studies, communications, politics, human rights and international relations, you’ll develop an informed critical awareness of the fields about which you’re most passionate, laying the groundwork for a wealth of exciting careers.

With so many opportunities to take an internship or overseas study program, the Bachelor of Arts will prepare you for global employment opportunities in a wide range of occupations and settings.

DEGREE AWARDED

Bachelor of Arts

DOUBLE DEGREES

• Business
• Business Specialist
• Commerce
• Commerce Specialist
• Education (Honours)
• Engineering (Honours)
• Fine Art
• Information Technology
• Laws (Honours)
• Music
• Science

ACCELERATED PATHWAYS

If you’re a high-achieving student, you can accelerate your studies. In just four years, by maintaining strong grades and by accessing master’s-level units while completing the elective components of your Bachelor of Arts, you’ll be able to complete the Bachelor of Arts as well as one of the faculty’s master’s degrees in just one additional year.

The Bachelor of Arts followed by the Master of Communications and Media Studies will be the first program available via acceleration. Additional master’s programs will be offered in future years.

Accelerating your master’s through a vertical double saves time and reduces graduate fee costs by one third. You’ll complete the first three years of the course with a Commonwealth Supported Place (CSP), followed by the final year of the master’s studies on a graduate fee-paying basis.

Contact the faculty for further information.

INTAKE

February and July

DEGREE AWARDED

Bachelor of Arts

DOUBLE DEGREES

• Business
• Business Specialist
• Commerce
• Commerce Specialist
• Education (Honours)
• Engineering (Honours)
• Fine Art
• Information Technology
• Laws (Honours)
• Music
• Science

PREREQUISITE STUDIES

VCE

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

IB

English: At least 4 in English SL or 3 in English HL, or 5 in English B SL or 4 in English B HL

You can study in Italy as part of your course. Monash has an international learning centre in Prato, Italy, offering exciting intensive programs. Each year hundreds of students choose to study there.

The Monash Centre in Prato is in the heart of Tuscany, just outside Florence.

monash.edu/arts/prato

DID YOU KNOW?

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monash.edu/arts/prato

STUDY IN ITALY

ITALY

STUDY IN

2016 ATAR

Caulfield Clayton

3 years Comprehensive

Caulfield Clayton

2016 IB

Caulfield: 61 Clayton: 65

Caulfield: 29 Clayton: 31

CAREER OPTIONS

Tourism
Heritage management
Journalism
Social policy
Interpreting
Politics
Anthropology
Diplomacy
Media
Human resources
Historical research
Editing
Linguistics
Digital marketing
### LANGUAGES, LITERATURE, CULTURE AND LINGUISTICS
- Chinese studies
- English as an international language
- French studies
- German studies
- Indonesian studies
- Italian studies
- Japanese studies
- Korean studies
- Linguistics
- Literary studies
- Spanish and Latin American studies
- Ukrainian studies

### MEDIA, FILM AND JOURNALISM
- Communications and media studies
- Film and screen studies
- Journalism

### PHILOSOPHY, HISTORY AND INTERNATIONAL STUDIES
- Ancient cultures
- Australia in the world
- Bioethics
- History
- Holocaust and genocide studies
- Human rights
- Indigenous cultures and histories
- International studies
- Islamic studies
- Jewish studies
- Philosophy
- Religious studies

### MUSIC AND PERFORMING ARTS
- Music
- Performance
- Theatre

### SOCIAL SCIENCES
- Anthropology
- Behavioural studies
- Criminology
- Human geography
- International relations
- Politics
- Psychology
- Sociology

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**QUINN NGUYEN**
Performing arts student

“I love being involved in both theatre and film. It gives me a rush, and it’s mostly while performing that I feel I can be myself. At this stage I’m still discovering the work I like doing, which is made possible by the way the course is structured – we’re given the chance to choose what we want to get into.”
BACHELOR OF BIOMEDICAL SCIENCE

The biomedical sciences help us understand disease – how it occurs, what happens, and how we can control, cure and prevent it. Breakthroughs in biomedical science improve the quality of people’s health and lives.

Our multidisciplinary approach to teaching, presence in major hospitals and international links will give you access to an exciting world of possibilities and prepare you to make a difference in people’s lives worldwide.

DEGREE AWARDED
• Bachelor of Biomedical Science, or
• Bachelor of Biomedical Science (Scholars Program)

DOUBLE DEGREES*
• Commerce
• Engineering (Honours)
• Laws (Honours)
• Science

* Not available with the Scholars Program.

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
Maths or Science: Units 3 and 4: a study score of at least 25 in Mathematical Methods (CAS), Specialist Mathematics or Physics
Science: Units 3 and 4: a study score of at least 25 in Chemistry

IB
English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL.
Maths or Science: At least 4 in Mathematics SL or 4 in Further Mathematics HL or 3 in Mathematics HL or 4 in Further Mathematics HL or 3 in Physics HL or 4 in Physics HL.
Science: At least 4 in Chemistry SL or 3 in Chemistry HL.

INTAKE
February

BACHELOR OF BIOMEDICAL SCIENCE ADVANCED (HONOURS)

This high-profile course is designed for those who expect to pursue a career in biomedical research.

It's an advanced version of the Bachelor of Biomedical Science, providing all the benefits of that course, with additional opportunities for you to develop research, communication and teamwork skills.

From today’s leaders in medical research you’ll gain the ability to address the complex problems of human health as it affects both individuals and populations. In your research-based honours year, for example, you could contribute to our innovative work in using stem cells to treat bowel cancer and repair damaged brains in babies.

DEGREE AWARDED
Bachelor of Biomedical Science Advanced (Honours)

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
Maths or Science: Units 3 and 4: a study score of at least 30 in Mathematical Methods (CAS), Specialist Mathematics or Physics
Science: Units 3 and 4: a study score of at least 30 in Chemistry

IB
English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL.
Maths or Science: At least 5 in Mathematics SL or 4 in Mathematics HL or 4 in Further Mathematics HL or 5 in Physics SL or 4 in Physics HL.
Science: At least 5 in Chemistry SL or 4 in Chemistry HL.

INTAKE
February

ADDRESS THE COMPLEX PROBLEMS OF HUMAN HEALTH

Make a difference in people’s lives
The world of business is challenging, fast-paced and constantly evolving. From finance to fashion and education to entertainment, every industry needs people with business skills. Whether you are creative, people-focused or have a passion for numbers, a successful career starts with strong business skills.

This course will give you the 21st-century skill set employers really want, and you’ll have plenty of flexibility and choice with 10 majors to choose from, and six double degree options on offer. You can also take advantage of opportunities including study abroad, internship and volunteering programs to give your qualification a global perspective and provide you with real-life experiences of the workplace.

DEGREE AWARDED
Bachelor of Business

DOUBLE DEGREES
- Arts
- Business Specialist
- Design
- Education (Honours)
- Fine Art
- Information Technology

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
Maths: Units 3 and 4: a study score of at least 22 in one of Mathematical Methods (CAS) or Specialist Mathematics or 25 in any other mathematics

IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
Maths: At least 4 in Mathematics SL or 4 in Math Studies SL or 3 in Mathematics HL or 3 in Further Mathematics HL

INTAKE
February and July

A SUCCESSFUL CAREER STARTS WITH STRONG BUSINESS SKILLS

CAREER OPTIONS
Accounting
Account management
Business development
Marketing
Tax advice

BUSINESS – MAJORS AND MINORS

ACCOUNTING AND FINANCE
Accounting
Banking and finance

ECONOMETRICS AND ECONOMICS
Business statistics
Economics and business strategy

BUSINESS LAW AND TAXATION
Business law
Taxation

MARKETING
Marketing

MANAGEMENT
Business management
Human resource management
International business
BUSINESS ADMINISTRATION

Bachelor of Business Administration

Every industry needs people with strong business skills to manage, grow and improve the day-to-day operations of its organisations and workforces. In addition to providing you with broad business skills, this course focuses on job readiness, to give you the practical skills you need to operate effectively in business environments. It also gives you the chance to gain a business qualification from a leading university, without requiring the Year 12 maths prerequisites of many other business courses.

You’ll develop strong business knowledge, while also building your expertise from day one in one of three distinct areas – accountancy, finance and economics, or marketing practice.

**DEGREE AWARDED**
Bachelor of Business Administration

**PREREQUISITE STUDIES**

**VCE**
- English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 1 and 2: a satisfactory completion in two units (any study combination) of General Mathematics or Mathematical Methods; or Units 3 and 4: any Mathematics

**IB**
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: Successful completion of any mathematics subject

**INTAKE**
February and July

**PRACTICAL SKILLS TO OPERATE EFFECTIVELY IN BUSINESS ENVIRONMENTS**

**SPECIALISATIONS**

**ACCOUNTANCY**
Accounting is the language of business. It involves the systematic recording, reporting and analysis of financial transactions. Depending on elective choices, you may meet the accreditation requirements of CPA Australia, Chartered Accountants Australia and New Zealand, the Institute of Public Accountants, and the Chartered Institute of Management Accountants.

**FINANCE AND ECONOMICS**
Finance and economics encompasses the complex and dynamic industry of money, banking, credit and investments. You’ll gain the high-level skills to manage, organise and invest money. Your studies will include asset and risk management, capital markets, stock portfolios, international finance, and forecasting and budgeting.

**MARKETING PRACTICE**
A strong marketing strategy is what separates the brands you recognise from the ones you don’t. Marketing is about more than just sales or advertising – it’s actually a dynamic, complex activity that focuses on providing value to both organisations and consumers.
BUSINESS SPECIALIST

BACHELOR OF BUSINESS SPECIALIST

Businesses need professionals with specialist skills to improve operations and revolutionary business practice. Develop the acumen to make a real difference in the business world, while also building expertise from day one.

Choosing to specialise in either accounting, banking and finance, international business or marketing, you’ll develop in-depth skills, while also having the advantage of participating in opportunities such as internships or study abroad to give you practical work-ready skills and a global business perspective.

DEGREE AWARDED

The degree you’re awarded will reflect your chosen specialisation:
- Bachelor of Accounting
- Bachelor of Banking and Finance
- Bachelor of International Business (city location only)
- Bachelor of Marketing

DOUBLE DEGREES

- Arts
- Business
- Information Technology

PREREQUISITE STUDIES

VCE
- English: Units 3 and 4; a study score at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4; a study score at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics or 25 in any other mathematics

IB
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 4 in Math Studies SL or 3 in Further Mathematics HL or 3 in Mathematics HL

INTAKE

February and July
For international business, intakes are February, June and October

SPECIALISATIONS

ACCOUNTING

Accounting is the language of business and the basis for effective business decision-making. As well as managing a company’s finances, accountants are increasingly being called upon to provide advice about the strategic direction of their organisation. You’ll learn how to solve problems, analyse complex information, build strong client relationships and communicate effectively at all levels of business.

BANKING AND FINANCE

You’ll develop the skills required to manage money in institutional settings, such as banks, investment houses or superannuation companies. You’ll learn about key banking and finance concepts, as well as how to assess the financial needs of companies, governments and individuals, and how to match them with suitable financial products.

INTERNATIONAL BUSINESS

You’ll develop broad business knowledge with a focus on its application in an international context. This degree is offered on a trimester basis (three teaching periods per year) meaning you can graduate within two years. You’ll learn how to apply both practical and theoretical knowledge and skills to areas such as international relations, trade, investment, politics and culture.

As part of this specialisation you can choose a stream in international business or a stream in professional accounting.

International business is available only as a single degree.

MARKETING

Marketing focuses on providing value to both organisations and consumers. With the onset of the digital age, the nature of marketing is shifting, bringing together the disciplines of data science, communication, consumer relations and brand development. You’ll gain the analytical, creative and strategic skills to be a specialist marketer and make decisions that drive value for business.

MAKE A REAL DIFFERENCE IN THE BUSINESS WORLD

“I would love to live and work overseas, but I may not have to wait that long. Before graduating I’ll get the chance to study abroad at Peking University in China – a dream I never thought possible before starting my degree.”

AKAASH KUMAR
International business

CAREER OPTIONS

Marketing coordination
Digital media advice
Market research
Financial accounting
Corporate finance
Banking

EST. ATAR
E:81+
EST. IB
E:29+

Caulfield, City
3 years or 2 years
Specialist
Professionally accredited

* International business specialisation only
* 2 years accelerated progression for international business

Est. – Estimated. The provided scores are an estimate to be used as a guide only and actual scores may vary by degree awarded.
CAREER OPTIONS

Business analysis
Marketing coordination
Accounting
Entrepreneurship
Policy advice
Data science

BACHELOR OF COMMERCE

Apply your thinking in a commercial capacity to influence change.

Commerces encompasses the diverse and rapidly changing activities of the world, including decision-making, leadership, innovation and policy development, giving you the 21st-century skills needed to make an impact.

You’ll develop broad commercial knowledge and acquire expertise in one of our nine commerce majors. You also have the option of a double degree, with 11 combinations on offer. You can take advantage of opportunities including study abroad, internship and volunteering programs to give your qualification a global perspective.

DEGREE AWARDED

Bachelor of Commerce

DOUBLE DEGREES

• Arts
• Biomedical Science
• Commerce Specialist
• Computer Science
• Education (Honours)
• Engineering (Honours)
• Global Studies
• Information Technology
• Law (Honours)
• Music
• Science

PREREQUISITE STUDIES

VCE

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

Maths: Units 3 and 4: a study score of at least 25 in Mathematical Methods (CAS) or Specialist Mathematics

IB

English: At least 4 in English SL or 3 in English HL, or 5 in English B SL or 4 in English B HL

Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

INTAKE

February and July

STUDY ABROAD, INTERNSHIP AND VOLUNTEERING OPPORTUNITIES

Accounting
Finance

ECONOMETRICS AND BUSINESS STATISTICS

Actuarial studies
Econometrics

ECONOMICS

Economics

MARKETING

Marketing science

MANAGEMENT

Behavioural commerce
Management studies
Sustainability

COMMERCE – MAJORS AND MINORS

ACCOUNTING AND FINANCE

Accounting
Finance

ECONOMETRICS AND BUSINESS STATISTICS

Actuarial studies
Econometrics

ECONOMICS

Economics

MARKETING

Marketing science

MANAGEMENT

Behavioural commerce
Management studies
Sustainability

MAJOR ● MINOR ●
BACHELOR OF COMMERCE SPECIALIST

Choose from a specialisation in actuarial science, economics and economic policy, mathematical economics and econometrics, or finance, and apply your knowledge to commercial environments.

You’ll also have the opportunity to develop a global perspective and gain work-ready skills through our internship and study-abroad programs.

DEGREE AWARDED

The degree you’re awarded will reflect your chosen specialisation.

- Bachelor of Actuarial Science
- Bachelor of Economics
- Bachelor of Finance

DOUBLE DEGREES

- Arts
- Commerce
- Computer Science
- Engineering (Honours)
- Information Technology
- Science

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: a study score of at least 25 in Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

INTAKE

February and July

SPECIALISATIONS

ACTUARIAL SCIENCE

Using mathematical and econometric models, you’ll learn how to forecast data and risks that affect the likes of insurance premiums, financial investments and more. Depending on the units you choose, you may achieve Part I of the Actuaries Institute of Australia professional qualification, which you need to work as a professional actuary.

ECONOMICS AND ECONOMIC POLICY*

From the consumption of goods and services to changes in employment rates or effects on living standards, economics is at the heart of how our society operates. You’ll learn how to use economic theories and analytical tools to figure out how the economy is operating, and to identify and communicate the effects of government policies in both domestic and international environments.

FINANCE

Finance professionals make the decisions about cashflow, asset and risk management, capital markets, stock portfolios, international finance and more. You’ll develop the high-level skills required to manage, organise and invest money, learn how to develop financial policies and products, and be able to solve complex financial problems using mathematical models.

MATHEMATICAL ECONOMICS AND ECONOMETRICS*

Focusing on the numerical and analytical aspects of economics, you’ll learn how to analyse and interpret econometric and mathematical data, and apply it to economic environments. Exploring issues including financial investments, production, taxes and government expenditures, you’ll be able to assess and deliver the data that’s necessary to implement economic policy change.

* Note that these two specialisations result in the Bachelor of Economics award

CAREER OPTIONS

Superannuation
Risk management
Financial consulting
Investment banking
Environment and sustainability
Foreign exchange and bond trading

EST. ATAR

Clayton: E:90+

EST. IB

Clayton: E:33+

GIGI SAM

Economics and commerce student

“Through Monash, I completed an industry-based learning placement with GM Holden last year. I’ll be returning to the company for a second year in 2016.”
BACHELOR OF COMPUTER SCIENCE

Computer scientists and their creations are everywhere. They drive everything from search engines to daily weather reports, animation, cybersecurity and scientific discoveries.

You’ll graduate with the ability to design algorithms (instructions for computers) and data structures (information storage), creating software that solves real-world problems.

Build expertise through a specialisation in either advanced computer science or data science.

The Bachelor of Computer Science is accredited by the Australian Computer Society.

DEGREE AWARDED

The degree you’re awarded will reflect your chosen specialisation.

- Bachelor of Computer Science
- Bachelor of Computer Science in Data Science

DOUBLE DEGREES

- Commerce
- Commerce Specialist
- Education (Honours)
- Science

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

SPECIALISATIONS

ADVANCED COMPUTER SCIENCE

Building on your core computer science knowledge, you’ll construct, manipulate and analyse the performance of advanced algorithms and data structures. A study of object-oriented design, programming paradigms and parallel computing will allow you to create software solutions to real-world problems.

You’ll also have a choice of approved electives in areas such as graphics, mobile apps programming and intelligent systems.

DATA SCIENCE

Data science explores the capture, management and use of the huge volumes of data generated by government, commerce and science, and Monash has the greatest collection of expertise in data analytics of any university in the Asia-Pacific region. If you want to tackle the big data challenges in fields as diverse as marketing, medicine or finance, then data science is for you.

CREATE SOFTWARE THAT SOLVES REAL-WORLD PROBLEMS

BACHELOR OF COMPUTER SCIENCE ADVANCED (HONOURS)

This honours version of the Bachelor of Computer Science is for high-achieving students with a research focus.

It offers you all the benefits of the advanced computer science specialisation, plus a stream of hands-on projects that engage you in research right from the start of your degree.

Monash’s IT research strengths range from artificial intelligence to bioinformatics to cybersecurity. You’ll develop the exceptional programming and analysis skills and the research capabilities needed for graduate study or a career in the expanding world of digital research and development.

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

The degree you’re awarded will reflect your chosen specialisation.

- Bachelor of Computer Science
- Bachelor of Computer Science in Data Science

DOUBLE DEGREES

- Commerce
- Commerce Specialist
- Education (Honours)
- Science

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

SPECIALISATIONS

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DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

The degree you’re awarded will reflect your chosen specialisation.

- Bachelor of Computer Science
- Bachelor of Computer Science in Data Science

DOUBLE DEGREES

- Commerce
- Commerce Specialist
- Education (Honours)
- Science

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

SPECIALISATIONS

ADVANCED COMPUTER SCIENCE

Building on your core computer science knowledge, you’ll construct, manipulate and analyse the performance of advanced algorithms and data structures. A study of object-oriented design, programming paradigms and parallel computing will allow you to create software solutions to real-world problems.

You’ll also have a choice of approved electives in areas such as graphics, mobile apps programming and intelligent systems.

DATA SCIENCE

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DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

The degree you’re awarded will reflect your chosen specialisation.

- Bachelor of Computer Science
- Bachelor of Computer Science in Data Science

DOUBLE DEGREES

- Commerce
- Commerce Specialist
- Education (Honours)
- Science

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: A study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4: A study score of at least 25 in either Mathematical Methods (CAS) or Specialist Mathematics

IB

- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL

DEGREE AWARDED

Bachelor of Computer Science Advanced (Honours)

SPECIALISATIONS

ADVANCED COMPUTER SCIENCE

Building on your core computer science knowledge, you’ll construct, manipulate and analyse the performance of advanced algorithms and data structures. A study of object-oriented design, programming paradigms and parallel computing will allow you to create software solutions to real-world problems.

You’ll also have a choice of approved electives in areas such as graphics, mobile apps programming and intelligent systems.

DATA SCIENCE

Data science explores the capture, management and use of the huge volumes of data generated by government, commerce and science, and Monash has the greatest collection of expertise in data analytics of any university in the Asia-Pacific region. If you want to tackle the big data challenges in fields as diverse as marketing, medicine or finance, then data science is for you.

CREATE SOFTWARE THAT SOLVES REAL-WORLD PROBLEMS
BUILD CREATIVE, INNOVATIVE AND PEOPLE-CENTRED SOLUTIONS TO KNOWN PROBLEMS AND EMERGING CHALLENGES

BACHELOR OF DESIGN

Combine imagination with logic, take advantage of emerging technologies, and add value to our culture and economy through communication design or industrial design.

Graduate with the Bachelor of Communication Design and you’ll have sophisticated skills in visual communication, multimedia, interactivity and motion graphics – we know industry requires innovative, adaptable people who can design for the platform that best meets its needs.

With the Bachelor of Industrial Design you’ll be able to develop effective, attractive and marketable products, systems and services, from conception to final prototype, and to make designs that can be put into production.

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

SELECTION REQUIREMENTS

You’ll be required to attend an interview and submit a digital copy of your folio. Go to monash.edu/mada/apply to register. Your final ranking is based on a range of criteria – folio and ATAR or GPA. Please check study.monash/courses for up-to-date information before applying.

All applicants with an ATAR of 70 or above will be considered for the Bachelor of Design in combination with a range of other criteria. There are a number of pathway options available for students whose ATAR is below 70.

FOLIO

Your folio should include 10 to 15 major examples of your best creative works and additional minor pieces. A well-presented folio demonstrates that you value your work and tells us we should value your work too.

INTAKE

February

SPECIALISATIONS

COMMUNICATION DESIGN

Communication designers work with colour, sound and spatial forms in formats including posters, books and digital publications, interactive information design and 3D animation. You’ll have an industry-relevant qualification and an extensive folio showcasing your complex skills and conceptual engagement across a range of media and communication platforms.

This specialisation can be taken as a double degree with either the Bachelor of Business or the Bachelor of Information Technology (games and multimedia majors only).

INDUSTRIAL DESIGN

You’ll learn to apply your understanding of materials, manufacturing and people to develop products that improve society, enrich our culture and contribute to our economy – from furniture and smartphones, to domestic appliances and public transport. You’ll develop the skills that industrial designers use on a daily basis, so you can confidently step straight from university into industry.

This specialisation can be taken as a double degree with the Bachelor of Business, Bachelor of Engineering (mechanical engineering specialisation only), or the Bachelor of Information Technology (games, multimedia and software design majors only).

Pictured: Exo Light Series by Industrial design graduates Rowan Tunrham and Matthew Harding. With the help of Australia’s Rakumba Lighting, Rowan and Matthew transformed their 3rd year class prototype – created using plywood sheets and MADA’s laser cutter – into a commercial product.
BACHELOR OF EDUCATION (HONOURS)

Are you passionate about education, with the ideas and desire to engage and inspire? Choose to specialise in early childhood, primary or secondary education – or a combination of these – and graduate ready for a successful career.

In an Australian first, students in every specialisation earn an honours degree. You’ll emerge with a highly respected qualification that equips you to become one of tomorrow’s education leaders.

If you choose to study for a fifth year – either immediately or in the future – you’ll be able to qualify with an advanced master’s degree, putting you ahead of the game.

PROFESSIONAL EXPERIENCE – LOCAL OR GLOBAL

We understand that aspiring educators need more than just theoretical learning. That’s why we give you the chance to gain practical skills by completing professional experience through placements in Australia and overseas. You’ll complete a minimum of 80 days’ supervised professional experience as part of your course. International opportunities are available in China, Cook Islands, Hong Kong, India, Israel, Italy, Malaysia, South Africa and UAE.

DEGREE AWARDED

The degree you’re awarded will reflect your chosen specialisation.

Bachelor of Education (Honours) in:
- Early Years Education
- Early Years and Primary Education
- Primary Education (can be studied as a double degree)
- Primary and Secondary Education
- Primary and Secondary Health and Physical Education
- Primary and Secondary Inclusive Education
- Secondary Education (studied as part of a double degree)

DOUBLE DEGREES

- Arts (see page 40)
- Business (see page 40)
- Commerce (see page 40)
- Computer Science (see page 40)
- Fine Art (visual arts specialisation) (see page 50)
- Information Technology (see page 50)
- Music (see page 66)
- Science (see page 82)

You can combine your primary education or secondary education specialisation with a second degree. If you’re specialising in secondary education you’ll qualify as a subject specialist teacher in two secondary teaching areas. If you’re specialising in primary education you’ll be qualified to teach across the school curriculum, with particular expertise in one or two fields.

PREREQUISITE STUDIES

VCE
- English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 1 and 2: satisfactory completion of two units (any study combination) of General Mathematics or Mathematical Methods; or Units 3 and 4: any mathematics

IB
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: Successful completion of any mathematics subject

Note: If you choose a double degree course you must also meet the prerequisites of the partner degree

INTAKE

All specialisations commence in February except for the early years education specialisation.

Early years education: July and October – city; February and July – Peninsula

EDUCATION MAKES THE WORLD A BETTER PLACE

“The best part of my course was doing my teaching placement rounds in the Cook Islands for three weeks. I taught the New Zealand equivalent of VCE, contributed ideas to the rebuilding of the school, and met some amazing people. My time there was a defining moment for me in my pre-service career, and opened my eyes to the opportunity of international teaching.”

CHRISTOPHER ARDI
Education and arts student

CAREER OPTIONS

Teaching
School leadership
Corporate training
Student welfare
Curriculum development

“See page 40”

Single degree

Double degrees

EST. ATAR

EST. IB

- E75+

- E27+

- E82+

- E30+

#{This is a 4.25 year course taken as an accelerated course where you will do the equivalent of 4.25 years of study in 4 calendar years.}

Est. – Estimated; The provided scores are an estimate to be used as a guide only, and actual scores may vary by degree awarded
## EDUCATION SPECIALISATIONS

### TEACH PUPILS AGED

<table>
<thead>
<tr>
<th>Age Range</th>
<th>Specialisation</th>
<th>Offerings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0-5 YEARS</strong></td>
<td><strong>EARLY YEARS EDUCATION</strong></td>
<td>City, Peninsula</td>
</tr>
<tr>
<td></td>
<td><strong>EARLY YEARS AND PRIMARY EDUCATION</strong></td>
<td>Clayton, Peninsula</td>
</tr>
<tr>
<td><strong>0-12 YEARS</strong></td>
<td><strong>PRIMARY EDUCATION</strong></td>
<td>Clayton (double degrees) Peninsula</td>
</tr>
<tr>
<td><strong>5-12 YEARS</strong></td>
<td><strong>PRIMARY AND SECONDARY EDUCATION</strong></td>
<td>Clayton</td>
</tr>
<tr>
<td></td>
<td><strong>PRIMARY AND SECONDARY INCLUSIVE EDUCATION</strong></td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>5-18 YEARS</strong></td>
<td><strong>SECONDARY HEALTH AND PHYSICAL EDUCATION</strong></td>
<td>Peninsula</td>
</tr>
<tr>
<td><strong>12-18 YEARS</strong></td>
<td><strong>SECONDARY EDUCATION</strong></td>
<td>Clayton</td>
</tr>
</tbody>
</table>

### DID YOU KNOW?

- **TEACH PUPILS AGED 0-5 YEARS**
  - **EARLY YEARS EDUCATION**: This specialisation will develop your professional expertise, upgrade your Diploma qualifications and advance your career. You can choose a flexible course delivery that allows you to continue working while completing the course.
  - City, Peninsula

- **EARLY YEARS AND PRIMARY EDUCATION**: This dual-sector qualification offers you multiple options as a graduate, ensuring your flexible skills remain in demand across a range of learning environments and community contexts.
  - Clayton, Peninsula

- **PRIMARY EDUCATION**: You can choose to enhance your career options by studying this course as a double degree. If you opt for the single degree you’ll complete additional discipline studies, developing a highly marketable strength in your choice of English and literacy, or in mathematics and numeracy, or in a language other than English (LOTE).
  - Clayton (double degrees) Peninsula

- **PRIMARY AND SECONDARY EDUCATION**: Offering multiple career pathways, this dual-sector qualification will ensure you have the flexible skills and knowledge to be in demand in both primary and secondary schools and a range of community contexts.
  - Clayton

- **PRIMARY AND SECONDARY INCLUSIVE EDUCATION**: Increased demand for teachers with the skills and knowledge to take the lead in inclusive and special education settings make this specialisation the gateway to a range of fulfilling and rewarding careers.
  - Clayton

- **SECONDARY HEALTH AND PHYSICAL EDUCATION**: Turn your passion for a fit and healthy lifestyle into a productive and rewarding career in a wide range of educational and community settings and inspire young people to grow and develop physically and academically.
  - Peninsula

- **SECONDARY EDUCATION**: Qualifying as a secondary health (including human development) and physical education teacher, you’ll also be able to choose a third teaching area. This could be outdoor education and environmental studies, biology, business, geography, mathematics or social education.
  - Clayton

### DUAL SECTOR

At Monash you can choose a dual-sector qualification that allows you to teach across two school sectors. For example, primary and secondary, giving you multiple career options when you graduate.

### GRADUATE ENTRY

If you already have a bachelor’s degree in any other discipline but now want a rewarding career as a global educator and teacher, the Master of Teaching is the course for you.

[study.monash/courses](study.monash/courses)

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*Admission requires successful completion of a graded Diploma of Children’s Services or equivalent with a credit average. Applications for this specialisation are made direct to the faculty. See monash.edu/admissions/apply/online.html*
Engineers have forged some of the greatest developments in modern society. Clean water, advances in medical equipment and the increased quality of food supplies are all a result of their work.

Monash is a global leader in engineering, attracting outstanding academics and featuring innovative research facilities that you’ll use while completing your studies. Working with our academics, you’ll contribute to the latest breakthroughs in engineering research.

The Bachelor of Engineering (Honours) has a common first year, allowing you to better understand engineering and its specialisations before deciding which to pursue from level two. You can choose from aerospace, chemical, civil, electrical and computer systems, environmental, materials, mechanical, mechatronics, mining or software engineering.

On graduation, you’ll be highly sought-after across many industries, known for your creative thinking, problem-solving and ability to excel in team-based environments.

I’m currently working on the 3D printing of biomaterials and I’d love to extend that into more clinical work, where I can help match patients with customised orthopedic implants.”

TRINA MAJUMDAR
Engineering student
AEROSPACE ENGINEERING
Join a thrilling profession in developing the next generation of flight vehicles. The Airbus A380, A350, A400M and the Boeing 787 are just some of the astounding advances being led by aerospace engineers.

Aerospace engineering is concerned with the design, development and maintenance of flight vehicles. It involves aerodynamics, aerostuctures, avionics, propulsion, material science and computational simulation.

As an aerospace engineer, you’ll have the chance to tackle many of tomorrow’s global challenges. You may be involved in the creation of a more environmentally-friendly passenger aircraft, or even help build a vehicle capable of hypersonic space travel.

CHEMICAL ENGINEERING
Chemical engineers invent, design and develop processes that convert raw materials into products, with minimal environmental impact. They’re also involved with pollution control, protection of the environment, and energy conversion and conservation. Many everyday items involve chemical engineering as a part of their design.

Chemical engineering brings together chemistry, biology and materials science to achieve this goal. Mechanical engineers design and develop everything from door locks to space shuttles. If an engineering solution moves, you’ll find mechanical engineers at the heart of its design.

ELECTRICAL AND COMPUTER SYSTEMS ENGINEERING
This is a rapidly-evolving field, with new technologies and techniques being patented daily. It spans all scales of electrical and electronic engineering, from the fundamentals of circuits, electronic signals and signal processing, through to digital electronics and chip-based systems, to the design of large-scale power and telecommunication systems.

As a mechanical engineer, you might design products such as smartphones, virtual reality systems or video games, or robotic medical devices to assist in surgery and rehabilitation.
FIND AND DEVELOP YOUR VOICE IN THE CONTEMPORARY ARTS

FINE ART

Pictured: prelude to aquatix, created by fine art graduate Audrey Tan using dye and marker on unprimed canvas.

BACHELOR OF FINE ART

Launch a career in the visual arts as an artist, commentator or curator.

By specialising in fine art you can find and develop your artistic voice, preparing you for a career as a contemporary artist.

Art history and curating can help you develop your eye for art and your understanding of its origins and significance, to work in art history, criticism, curating and cultural production.

Study visual arts as part of a double degree and be ready to work in visual arts, or to use your artistic creativity and passion across diverse fields.

DEGREE AWARDED

The degree you’re awarded will reflect your chosen specialisation.

• Bachelor of Art History and Curating
• Bachelor of Fine Art
• Bachelor of Visual Arts (as a double degree only)

DOUBLE DEGREES

Visual Arts and
• Arts
• Business
• Education (Honours)
• Information Technology (games and multimedia majors only)

PREREQUISITE STUDIES

VCE

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

IB

English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

SELECTION REQUIREMENTS

Fine art and visual arts specialisations: You’ll be required to attend an interview and submit a digital copy of your folio. Go to monash.edu/mada/apply to register. Your final ranking is based on a range of criteria – folio and ATAR or GPA.

Art history and curating specialisation: Selection is ATAR/GPA-based, with no interview or folio required.

All applicants with an ATAR of 70 or above will be considered for the Bachelor of Fine Art in combination with a range of other criteria. There are a number of pathway options available for students whose ATAR is below 70.

FOLIO

Your folio should include 10 to 15 major examples of your best creative works and additional minor pieces. A well-presented folio demonstrates that you value your work and tells us we should value your work too.

INTAKE

February

SPECIALISATIONS

ART HISTORY AND CURATING

Art history and curating is about the historical, theoretical and practical aspects of contemporary art and its forms of display. Art historians are interested in the social, political and aesthetic significance of art. Curators select and interpret works of art for display. Both can play a critical role in setting cultural agendas.

FINE ART

The hallmark of the fine art specialisation is our open approach, encouraging you to develop your artistic voice. You’ll receive individual tuition from some of Australia’s best artists, have access to studio space, and your visual language and conceptual skills will be enhanced within a rigorous structure.

VISUAL ARTS (AS A DOUBLE DEGREE ONLY)

You’ll expand your understanding of cultural production and take an interdisciplinary approach to visual practices. It’ll complement and enhance your study in your companion degree – Bachelor of Arts, Bachelor of Business, Bachelor of Education (Honours) or Bachelor of Information Technology – and you’ll develop a critical awareness and understanding of artwork in its production, interpretation and presentation. In studio classes you’ll investigate the broader function of the visual arts in today’s society, and develop your own skills and creativity. As you progress, you’ll customise your program to suit your ambitions.

FOLIO^ Interview^

Caulfield 3 years Specialist

Fine art

Art history and curating

EST. ATAR EST. IB

E:70+ RC E:25+ RC

E:80+ RC E:25+ RC Folio^ Interview^

^Fine art and visual arts specialisations only
GLOBAL STUDIES BACHELOR OF

How can we conceptualise the most important challenges confronting our global communities, devise innovative solutions to these challenges, and effectively communicate these solutions? This course has been designed to answer those questions.

You’ll be able to apply your learning in practical and professional ‘real-life’ contexts in one of three specialisations:

- Global cultural literacies
- International relations
- International studies

Integral to the course is study overseas that can be completed across a full semester, or taken intensively. You could take units offered at a Monash international location, join one of our many study tours, or study at one of our prestigious partner universities.

DEGREE AWARDED
Bachelor of Global Studies

DOUBLE DEGREES
- Commerce
- Laws (Honours)
- Science

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

IB
- English: At least 4 in English SL or 3 in English HL, or 5 in English B SL or 4 in English B HL.

INTAKE
February

SPECIALISATIONS

GLOBAL CULTURAL LITERACIES
Learn to speak the language of our increasingly internationalised world as you master a second language. Global cultural literacies is an interdisciplinary field that fosters awareness of language, cultural interaction and negotiation, conflict and cooperation.

INTERNATIONAL RELATIONS
International relations examines the dynamics of global politics and economics, including the relationships between political institutions, international organisations, governmental and non-governmental bodies. It uses evidence-based explanations to study war and conflict, development, financial and other crises at the global level.

INTERNATIONAL STUDIES
It’s important to understand the ideas and beliefs of our neighbours and trading partners. International studies is an interdisciplinary field focusing on the ‘lived’ experience of people in a variety of social and cultural settings. It will foster your critical thinking about the effects of globalisation across cultures.

On graduation, you’ll be deeply informed on current challenges facing the global community and have developed outstanding skills as a leader and communicator. This will place you in an exceptional position to pursue a career in fields such as politics and government, the environmental sector, international development, foreign affairs, international relations, trade, defence, or with non-government organisations (NGOs).

DEVISE INNOVATIVE SOLUTIONS TO GLOBAL PROBLEMS

“I’m inspired by the state of my local and global community. I have a passion for social/political change and activism, specifically for the Muslim community, and I want to challenge existing ideological frameworks and mainstream political thought.”

ABDULAH HAMIMI
Global studies student
PURSUE A VARIETY OF PUBLIC HEALTH CAREER PATHS

BACHELOR OF HEALTH SCIENCES
Tackle the health challenges facing individuals and communities.

This course gives you a sound foundation in health science and a broad overview of health care, and skills in identifying, investigating, analysing and assessing health issues. This builds to four specialisations, enabling you to pursue a variety of allied and public health career paths:

- Emergency health and paramedic practice
- Human services
- Public health science
- Radiation sciences^*

* The radiation sciences specialisation is not available to international students.

DEGREE AWARDED
The degree you’re awarded will reflect your chosen specialisation:

- Bachelor of Emergency Health and Paramedic Practice
- Bachelor of Human Services
- Bachelor of Public Health Science
- Bachelor of Radiation Sciences

PREREQUISITE STUDIES

VCE

- English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL.
- Maths: Units 3 and 4: a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics or 25 in any other mathematics

IB

- English: At least 4 in English B SL or 3 in English A2.
- Maths: At least 3 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL.

EXTRA REQUIREMENTS

Before undertaking clinical placements, students must:

- complete a National Police Records Check
- hold a Working With Children Check
- comply with the stipulations of Ambulance Victoria that a medical and fitness examination be completed as a specific prerequisite for clinical placements. You will have to meet all associated costs. Go to the Ambulance Victoria website for more details.
- comply with the Faculty of Medicine, Nursing and Health Sciences immunisation policy: med.monash.edu.au/current/immunisation
- have to meet all associated costs. Go to the immunisation requirements may result in students being unable to complete this course.

INTAKE

February

SPECIALISATIONS

EMERGENCY HEALTH AND PARAMEDIC PRACTICE

Studies in emergency health and paramedic practice will qualify you for employment as a paramedic in ambulance and community-based emergency health services. Paramedics provide unscheduled health care for people experiencing a medical emergency, initiating care and determining appropriate referral of patients. This vocationally-oriented specialisation gives you the skills to assess life-threatening situations, provide emergency care and potentially save lives.

HUMAN SERVICES

Human services at Monash focuses on child and family wellbeing and community work, and how to promote their positive development. In particular, it aims to improve the lives of the disadvantaged. After graduating, you’ll be eligible for direct entry into the Master of Social Work with advanced standing of up to four units.

PUBLIC HEALTH SCIENCE

Play a leading role in the promotion of health and management of disease with public health science, focusing on populations and communities rather than individuals. Your studies will include aspects of biomedical sciences (such as physiology and pharmacology) and social sciences (such as sociology), along with public health, epidemiology, biostatistics and research methods.

RADIATION SCIENCES

Radiation sciences enables you to combine scientific and technical knowledge with studies in health and patient care. You’ll study radiation physics and instrumentation, radiobiology, imaging anatomy, physiology, epidemiology, oncology, radiation therapy, cancer management strategies and patient care. The patient is at the centre of care provision. On completion you may be eligible for entry to an 18-month graduate master’s program in radiation therapy. The radiation sciences specialisation is not available to international students.

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CAREER OPTIONS

Emergency health and paramedic practice
Human services
Public health science
Health promotion
Health planning
Health management
Social work

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<table>
<thead>
<tr>
<th>Radiation sciences</th>
<th>Other specialisations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016 CI ATAR</td>
<td>2016 IB</td>
</tr>
<tr>
<td>82.45</td>
<td>30</td>
</tr>
<tr>
<td>EST. ATAR</td>
<td>EST. IB</td>
</tr>
<tr>
<td>E:75+</td>
<td>E:27+</td>
</tr>
</tbody>
</table>

** Some specialisations will require you to study at our Clayton or Peninsula campuses.

Est. = Estimated. The provided scores are an estimate to be used as a guide only and actual scores may vary by degree awarded.
DID YOU KNOW?
The Business Information Systems course is now a major in the Bachelor of IT.

INFORMATION TECHNOLOGY
It’s everywhere, but its power comes from the experts who create the IT systems on which we all rely.

This highly practical course gives you the problem-solving skills to drive the ongoing revolution in the way we communicate, conduct business and experience the world.

You’ll learn from the best, develop your strengths, and explore new areas through our comprehensive range of majors, minors and double degrees.

Through real-world industry projects or placements, and with generous scholarships available, you’ll hit the ground running.

DEGREE AWARDED
Bachelor of Information Technology

DOUBLE DEGREES
• Arts [see page]
• Business [see page]
• Business Specialist [see page]
• Commerce [see page]
• Commerce Specialist [see page]
• Design* [see page]
• Education (Honours)* [see page]
• Fine Art* [see page]
• Laws (Honours) [see page]
• Science [see page]

*This double degree isn’t available with all specialisations; see study.monash/courses for full details.

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.
Maths: Units 1 and 2: satisfactory completion of two units (any study combination) of General Mathematics or Mathematical Methods; or Units 3 and 4: any mathematics

IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.
Maths: At least 3 in any maths subject

INTAKE
February and July

DRIVE THE WAY WE COMMUNICATE AND EXPERIENCE THE WORLD

IBL PROGRAM
As an IT, computer science or software engineering student you can apply to our Industry Based Learning (IBL) program that places you with one of our industry partners.

Placements count towards your course and are supported by a $17,000 scholarship.

it.monash.edu/ibl

CAREER OPTIONS
Business analysis
Systems analysis
Network administration
IT security consulting
Information management
Web, game and multimedia development

PAGES 22, 28, 32, 34, 40, 42, 50, 82

2016 ATAR
Clayton

2016 IB

Professionaly accredited

80.15

29

DID YOU KNOW?
The Business Information Systems course is now a major in the Bachelor of IT.
“I’m passionate about the potential of technology and where it’ll lead us. Hopefully I can be a positive role model for other girls in the IT industry and balance the gender ratio.”

CHRISETELLE YOUNG
Business information systems student
DID YOU KNOW?
You’ll do a six-week work placement between your third and fourth year of study. Work with an interior architecture studio and put your skills and knowledge into practice, and graduate with an edge.

INTERIOR ARCHITECTURE
BACHELOR OF INTERIOR ARCHITECTURE (HONOURS)
Interior architecture professionals understand how people engage with the world, and how structures, spaces and environments can offer outstanding experiences.

They design the spaces, lighting and objects that encourage people to engage and interact – for commercial and domestic interiors, entertainment venues, festivals, exhibitions or theatre sets. Interior architecture professionals create spaces that communicate ideas, values and stories.

Our interior architecture course is unique in Victoria, balancing strengths in creative design and building technology. We explore the creative use of space, structure and experience to develop conceptual agendas that are provocative and innovative, and material solutions that address contemporary conditions.

DEGREE AWARDED
Bachelor of Interior Architecture (Honours)

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

SELECTION REQUIREMENTS
You’ll be required to attend an interview and submit a digital copy of your folio.
Go to monash.edu/mada/apply to register. Your final ranking is based on a range of criteria – folio and ATAR or GPA.
Please check study.monash.edu/courses for up-to-date information before applying.

All applicants with an ATAR of 70 or above will be considered for the Bachelor of Interior Architecture (Honours) in combination with a range of other criteria. There are a number of pathway options available for students whose ATAR is below 70.

FOLIO
Your folio should include 10 to 15 major examples of your best creative works and additional minor pieces. A well-presented folio demonstrates that you value your work and tells us we should value your work too.

INTAKE
February

CREATE SPACES THAT COMMUNICATE IDEAS, VALUES AND STORIES

INTERIOR ARCHITECTURE
Camilla White. Her SOMA concept is for an automated health clinic specifically designed for non emergency patients.

Pictured: SOMA – Entrance Space by Interior architecture graduate Camilla White. Her SOMA concept is for an automated health clinic specifically designed for non emergency patients.

CAREER OPTIONS
- Interior architecture
- Exhibition design
- Visual merchandising
- Experience design
- Festival/event design
- Stage design

Est. ATAR
Caulfield
4 years
Specialist
E:70+ RC
E:25+ RC
Folio
Interview

RC – Range of criteria
Est. – Estimated: The provided scores are an estimate to be used as a guide only.
I spent four months at Monash’s campus in Prato, Italy. It was an amazing experience, sharing it with 120 Monash students as well as lecturers and students from Canada, Israel and France. It was incredible to learn from those who had a real international perspective and were experts in their field.”

REBECCA TORSElLO
Laws and arts student
MEDICINE

BACHELOR OF MEDICAL SCIENCE AND DOCTOR OF MEDICINE

Monash is the only Victorian university to offer both direct-from-school entry and graduate entry to the same medical degree.

Whatever your pathway to medicine at Monash, you’ll see the discoveries of our renowned researchers put into clinical practice and benefit from our links with the largest health care provider network in Australia, which includes Monash Medical Centre and The Alfred (Melbourne’s major casualty hospital), Eastern Health, and health services in rural and regional Victoria and outer metropolitan Melbourne.

The course is designed as an integrated curriculum, with units taught in an interdisciplinary fashion by staff from across the faculty and in a wide range of learning environments, both campus and clinical sites. For school-leaver entry, the first two years are largely campus-based, although some city and rural clinical placements are possible. Interdisciplinary units introduce the basic medical and behavioural sciences of anatomy, biochemistry, genetics, immunology, microbiology, pathology, pharmacology, physiology, psychology and sociology.

The graduate entry program is open only to those who’ve completed a Monash University degree in biomedical science (including those undertaking double degrees), pharmacy, physiotherapy or science (with the completion of specific units).

DEGREES AWARDED
Bachelor of Medical Science and Doctor of Medicine

^ The Bachelor of Medical Science and Doctor of Medicine (BDS) will replace the Bachelor of Medicine and Bachelor of Surgery (MBBS) for direct-entry applicants commencing in 2017.

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL
Science: Units 3 and 4: a study score of at least 30 in Chemistry
IB
English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL
Chemistry: At least 5 in Chemistry SL or 4 in Chemistry HL

SELECTION REQUIREMENTS

UMAT/ISAT
To be considered for entry, you must undertake the Undergraduate Medicine and Health Sciences Admission Test (UMAT) (for Australian or New Zealand citizens or Australian permanent residents) or the ISAT (for international students). If you think that your citizenship status may change during the selection process, you need to undertake both the UMAT and ISAT.

You must register by 3 June, 2016, to sit the UMAT, which will be held on 27 July, 2016.

www.acer.edu.au

INTERVIEW
You may be invited to attend an interview based on your UMAT and ATAR results for domestic applicants, and your ISAT results for international applicants. The interview format is a Multiple Mini Interview (MMI). You must attend an interview to remain eligible for entry into the program. Interviews will be held in January 2017.

We also offer an alternate entry point to medicine at Monash via our graduate entry program: http://med.monash.edu.au/medicine/admissions/grad-entry/mbbs-pathways.html

EXTRA REQUIREMENTS
You must:
• satisfy the immunisation requirements specified by the faculty
• complete a National Police Records Check each year before undertaking clinical placements
• hold a valid Working with Children Check.

It’s highly recommended that you hold or attain, by the end of first semester of the course, a current registered level 2 or senior first aid certificate.

INTAKE
February

The Direct Entry program is only available to current Year 12 students (or equivalent) or applicants who have completed Year 10 to more than two years prior. Applicant who have commenced tertiary study (including at Certificate IV level) are ineligible for the direct entry program.

“I’ve seen doctors who are so inspiring in the way they work. Their ability to establish trust and make a positive impact on the lives of patients is something I respect, and it’s a model by which I hope to work one day.”

VICTOR YANG
Medicine student

ACCESS TO THE LARGEST HEALTH CARE PROVIDER NETWORK IN AUSTRALIA

CAREER OPTIONS
Cardiology
Pathology
Emergency medicine
Dermatology
General practice
Obstetrics
Gynaecology
Ophthalmology
Paediatrics
Psychiatry
Radiology
Surgery

Clayton 5 years Specialist Professionally accredited RC RC

INTERVIEW

EST. ATAR EST. IB

Admissions test Interview

Est. 644

65
BACHELOR OF MUSIC
Whether you see a future in composition or performance, are passionate about music technology, or drawn to exploring the nature of music as culture, music at Monash will harness your creative potential.

You’ll advance your practical skills, collaborate with international artists, and study with accomplished teaching staff. You’ll engage with the historical, creative, technical and cultural aspects of music, broaden your perspectives on music in the world, and lay the foundations for a career in music.

As you progress you’ll build expertise in one of four specialisations:
- Creative music technology
- Ethnomusicology and musicology
- Music composition
- Music performance (classical or jazz and popular music).

DEGREE AWARDED
Bachelor of Music

DOUBLE DEGREES
- Arts
- Commerce
- Education (Honours)
- Laws (Honours)
- Science

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL

SELECTION REQUIREMENTS
You must complete an audition/composition. For more information, check artsonline.monash.edu.au/music-auditions

INTAKE
February and July

SPECIALISATIONS

CREATIVE MUSIC TECHNOLOGY
Creative music technology explores the treatment of music, sound and media, enabled through technologies. Working with the latest audio technologies, recording hardware and software, you can hone your technical skills with other musicians. You’ll be well-prepared to work on the creative application of technology within professional music, sound, broadcast and multimedia, as well as research contexts.

ETHNOMUSICOLOGY AND MUSICOLOGY
Study the music of different cultures, considering both Western classical forms and African and/or Asian traditions. You’ll investigate the role of music in society, music history, philosophical and aesthetic aspects of music, and performance practice. You’ll also explore the richness and scope of humanity’s interplay with musical expression, and broaden your knowledge of music and the integral role it plays within different cultures.

MUSIC COMPOSITION
If composing music is your passion, this specialisation equips you with the rigorous, high-quality music education to develop your talent. You’ll see your compositions move from the page to the stage, as your work is showcased by ensembles in the Sir Zelman Cowen School of Music. As one of Australia’s most innovative and comprehensive international music composition programs, it will prepare you for global career opportunities.

MUSIC PERFORMANCE
This is available to those with strong musical aptitude in classical or jazz performance. You’ll acquire an assured instrumental or vocal technique and perform in a variety of ensembles, in addition to solo work. There’s opportunity to take part in one of our study tours to New York, or to Italy at the Monash Prato Centre, immersing yourself in international music and culture.

Monash music graduate Simon Mavin, as part of the Melbourne soul band Hiatus Kaiyote, has twice been nominated for a Grammy Award. They are the first Australian band to be recognised in an R&B category at America’s most prestigious music awards.
BACHELOR OF NURSING
Monash nursing graduates are sought-after worldwide. Acquire the skills to become a registered nurse who can provide leadership and care across the age spectrum, and gain the ability to provide care in multiple settings, including acute care, primary health care and health promotion.

You’ll be prepared for increasingly complex health care situations in Australia and internationally, gaining invaluable skills in clinical decision-making, client care, communication and research, developed through extensive clinical experience in various settings. This is underpinned by Monash’s links to renowned medical researchers and major teaching hospitals.

DEGREE AWARDED
• Bachelor of Nursing, or
• Bachelor of Nursing (Scholars Program)

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
Maths: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Mathematical Methods, or Units 3 and 4: any mathematics
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
Maths: Successful completion of any mathematics subject

DIPLOMA PATHWAY
Successful completion of the Diploma of Tertiary Studies (DoTS) or a VET diploma can help you qualify for a place in the Bachelor of Nursing. Go to study.monash/courses for more information.

INTAKE
February

BACHELOR OF NURSING AND BACHELOR OF MIDWIFERY (HONOURS)
Nurses and midwives are among the most valued members of any community. The latter play a crucial role caring for mothers and babies throughout the childbearing years.

Completing the joint Bachelor of Nursing and Bachelor of Midwifery (Honours) course means you’re eligible to apply for registration as a nurse and midwife – a highly capable individual who is qualified to work in collaboration with the interdisciplinary team in general nursing and midwifery practice settings.

The versatility of the nurse and midwife is becoming increasingly important in Australian and international health services, and the joint qualification makes you highly employable in many practice settings, especially rural and remote areas where being a multi-skilled practitioner is highly valued.

DEGREE AWARDED
Bachelor of Nursing and Bachelor of Midwifery (Honours)

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
Maths: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Mathematical Methods, or Units 3 and 4: any mathematics
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
Maths: Successful completion of any mathematics subject

INTAKE
February

EXTRA REQUIREMENTS^*
You must:
• satisfy the immunisation requirements specified by the faculty
• complete a National Police Records Check each year before undertaking clinical placements
• hold a valid Working with Children Check

Nursing students must be aware of their legal responsibilities regarding the administration and storage of drugs in keeping with the Drugs, Poisons and Controlled Substances Act 1991 (Vic) and the Drugs, Poisons and Controlled Substances Regulations 2006 (Vic).

^ Special requirements apply to both Nursing and Nursing and Midwifery

The School of Nursing and Midwifery has formulated a policy, and students should be aware of the drug administration policy relevant to their particular year of study. Refer to the faculty’s clinical guidelines webpage.
CAREER OPTIONS
Food industry
Nutrition research
Government and non-government agencies
Public health nutrition
Food science
Sports nutrition

BACHELOR OF NUTRITION SCIENCE

There’s a need for nutritionists who can explain to the public the science underpinning the relationship between diet and disease.

You’ll tap into the multi-faceted discipline of human nutrition and gain an appreciation of the broad scope of food in society, in-depth knowledge of nutritional and biomedical science, and the role of nutrition in health and disease. It may also lead to graduate study in the Master of Dietetics.

DEGREE AWARDED
• Bachelor of Nutrition Science, or
• Bachelor of Nutrition Science (Scholars Program)

SPECIAL REQUIREMENTS
You must hold a valid Working with Children Check.

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
Science: Units 3 and 4: a study score of at least 25 in Chemistry.

IB
English: At least 5 in English SL or 4 in English HL, or 6 in English B SL or 5 in English B HL.
Science: At least 4 in Chemistry SL or 3 in Chemistry HL.

INTAKE
February

SCHOLARS PROGRAM FOR HIGH ACHIEVERS

Very high-achieving students can apply for access to the Scholars Program. Bachelor of Nutrition Science Scholars Program students who complete their degree with an average grade of credit or above are guaranteed entry into a Dietetics Association of Australia accredited course.

ADDRESS THE COMPLEX PROBLEMS OF HUMAN HEALTH

Monash University has developed a new two-year Master of Dietetics. The process for full Dietitians Association of Australia (DAA) accreditation of the new master’s has begun, but it’s a rigorous and lengthy process, not expected to be completed until 2017.

The University’s aim is to achieve accreditation before graduation of the first cohort of scholars. All inquiries regarding the progress of this program’s accreditation review should be directed to the Monash University dietetic program coordinator.

Students admitted to the Bachelor of Nutrition Science Scholars Program will have the following potential outcomes:

• Immediate enrolment as scholars in the Bachelor of Nutrition Science. If the Master of Dietetics is accredited by the DAA by the end of 2017, scholars who complete the Bachelor of Nutrition Science with an average grade of credit or above are guaranteed entry into the Master of Dietetics in 2019 (supported by CSP or equivalent) with unit credits that mean the master’s may be completed in 1.5 years full-time.

Graduates of this combined 4.5-year program will be awarded a Bachelor of Nutrition Science (Scholars Program) and the DAA-accredited Master of Dietetics.

• If the Master of Dietetics is not accredited by the DAA by the end of 2017, scholars will be transferred to the third year of Bachelor of Nutrition and Dietetics, a four-year DAA-accredited course, at the end of 2017. Graduates of this four-year program will be awarded the DAA-accredited Bachelor of Nutrition and Dietetics (Honours).

• Students who do not qualify for the Scholars Program may be offered admission to the Bachelor of Nutrition Science and, as graduates, will still be eligible to compete for entry into the 1.5-year Master of Dietetics.

PATHWAY TO DIETETICS

Clayton 3 years Specialist

2016 ATAR

2016 IB

75.5 SCHOLARS PROGRAM

35 SCHOLARS PROGRAM

7.25 SCHOLARS PROGRAM

35 SCHOLARS PROGRAM

2016 ATAR

27 SCHOLARS PROGRAM

35 SCHOLARS PROGRAM

2016 IB

80.0 SCHOLARS PROGRAM

40 SCHOLARS PROGRAM
YOU’LL DO PRACTICAL FIELDWORK IN A VARIETY OF SETTINGS

BACHELOR OF OCCUPATIONAL THERAPY (HONOURS)

Promote health and wellbeing, and help people take part in self-care, play, leisure, education, work, sleep or social participation activities to their fullest potential.

Occupational therapy practice involves working with individuals, families, groups and communities to improve their engagement in daily occupations.

Drawing on the latest thinking in the occupational, behavioural, social and biomedical sciences, the Monash Occupational Therapy (Honours) program is an internationally recognised and nationally accredited course that combines traditional and scenario-based learning methods and teaching techniques. As well as completing academic studies, you’ll do 1000 hours of practical fieldwork in a variety of community, education and clinical settings.

DEGREE AWARDED
Bachelor of Occupational Therapy (Honours)

PREREQUISITE STUDIES

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

IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

While not prerequisite subjects, it’s recommended that you undertake VCE Units 3 and 4 of at least two of the following: biology, chemistry, geography, health and human development, psychology or physical education.

EXTRA REQUIREMENTS

You must:
• satisfy the immunisation requirements specified by the faculty
• complete a National Police Records Check each year before undertaking clinical placements
• hold a valid Working with Children Check

INTAKE

February

CAREER OPTIONS
Public health
Rehabilitation
Early intervention programs
Private practice
Aged care
Mental health

Peninsula 4 years Specialist Professionally accredited 2016 C1 ATAR 84.6 2016 IB 31
PREREQUISITE STUDIES

**VCE**
- English: Units 3 and 4; a study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4; a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics
- Science: Units 3 and 4; a study score of at least 25 in Chemistry

**IB**
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL
- Science: At least 4 in Chemistry SL or 3 in Chemistry HL

BACHELOR OF PHARMACEUTICAL SCIENCE

Gain the skills to improve human health and wellbeing by researching and developing more reliable, accessible and effective treatments and products.

You’ll learn about the chemistry, biology and technology of medicines and other formulations. A common core of study on the foundations of pharmaceutical science during the first 18 months will prepare you to make a choice between different disciplines in drug discovery and formulations:

- Drug discovery biology
- Formulation science
- Medicinal chemistry

DEGREE AWARDED
Bachelor of Pharmaceutical Science

DOUBLE DEGREES*
Engineering (Honours) major

*Double degree only offered with chemical engineering and formulation science specialisations.

PREREQUISITE STUDIES

**VCE**
- English: Units 3 and 4; a study score of at least 30 in English (EAL) or 25 in English other than EAL
- Maths: Units 3 and 4; a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics
- Science: Units 3 and 4; a study score of at least 25 in Chemistry

**IB**
- English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL
- Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL
- Science: At least 4 in Chemistry SL or 3 in Chemistry HL

INTAKE
February

SPECIALISATIONS

**DRUG DISCOVERY BIOLOGY**

This focuses on the biomedical science and pharmacology of drug discovery. You’ll learn about the biotechnological aspects of drug design that lead to discovering and evaluating new targets for existing drugs; investigating the biological effects of drug candidates; and translating outcomes into pharmaceutical products.

You’ll develop expert knowledge of biological drug targets and their modulation by different types of active drug compounds, which is at the core of innovative drug discoveries.

**FORMULATION SCIENCE**

Formulation science enables you to understand the principles of making finished products from a blend of individual ingredients. Drawing on the pharmaceutical industry, you’ll learn to apply the same principles to industry-relevant problems in other areas of formulation science, such as consumer products and cosmetics.

**MEDICINAL CHEMISTRY**

Medicinal chemistry represents the interaction of biology and chemistry, and involves the development of pharmaceutical agents from conception through to their clinical use. You’ll study how drugs work, and how they’re designed and made. By applying the principles and techniques of organic chemistry, medicinal chemists discover and develop compounds that prevent, treat or cure disease.
I love interacting with people who have different perspectives. I want to continue studying after becoming a registered pharmacist, specifically in the area of neurodegenerative disease and related drug delivery.

SHENGQI NA
Pharmacy student
ONE OF THE MOST IN-DEMAND HEALTH CARE PROFESSIONS

BACHELOR OF PHYSIOTHERAPY (HONOURS)

Prepare to flourish in one of the most versatile and in-demand health care professions.

You'll receive intensive training in relevant clinical environments, and the chance to study with expert physiotherapists and leading researchers.

You'll gain the skills to practice as a physiotherapist, using exercise, movement analysis, manual therapy and specialist techniques to restore, improve and promote health.

DEGREE AWARDED
Bachelor of Physiotherapy (Honours)

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 25 in English (EAL) or 30 in English other than EAL.
Science: Units 3 and 4: a study score of at least 25 in one of: Biology, Chemistry, Mathematical Methods (CAS), Specialist Mathematics or Physics
IB
English: 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.
Science: At least 4 in Standard Level (SL) or 3 in Higher Level (HL) in at least two of: Biology, Chemistry, Further Mathematics (HL only), Mathematics or Physics

SELECTION REQUIREMENTS

You may be invited to attend an interview based on your academic results. You must attend an interview to remain eligible for entry into the program.

EXTRA REQUIREMENTS

You must:
• satisfy the immunisation requirements specified by the faculty
• complete a National Police Records Check each year before undertaking clinical placements
• hold a valid Working with Children Check

INTAKE
February

BACHELOR OF PSYCHOLOGICAL SCIENCE ADVANCED (HONOURS)

Designed for those with a passion for understanding human cognition and behavior, this course provides a comprehensive education in human psychology — from normal to abnormal psychology, and from the genetic/molecular level to the individual and group-behavioural level.

The study of human psychology is ever-growing and changing, and our program provides you with the latest thinking on our understanding of the human brain, thought and behaviour. The knowledge gained in this course will lay the groundwork for you to make your own scientific discoveries, help to promote mental health, and to influence how those in the community think about mental health and the workings of the human mind.

DEGREE AWARDED
Bachelor of Psychological Science Advanced (Honours)

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL.
IB
English: At least 4 in English SL or 3 in English HL or 5 in English B SL or 4 in English B HL.

For non-Year 12 entry
As per Year 12 (or Year 12 equivalent) or two single approved units with a 75 per cent average in Psychology or 70% across all previous units.

INTAKE
February

FOR THOSE WITH A PASSION FOR UNDERSTANDING HUMAN COGNITION AND BEHAVIOUR
BACHELOR OF RADIOGRAPHY AND MEDICAL IMAGING (HONOURS)

Develop the expert skills to become a registered radiographer, enabling patient diagnosis and management by using X-rays – including CT scanning, ultrasound and magnetic resonance imaging (MRI) – to create diagnostic images for analysis and interpretation. Radiographers are also responsible for implementing best-practice imaging protocols.

The program is designed to allow closely related integration between the classroom and the clinical workplace. The practical skills you acquire will be reinforced by placements in a variety of clinical institutions, from Victorian rural and regional hospitals to metropolitan Melbourne hospitals and private radiology practices.

Completing the course enables you to apply for registration as a radiographer with the Medical Radiation Practice Board of Australia. As a graduate, you’ll also be able to apply for a Statement of Accreditation from the Australian Institute of Radiography.

DEGREE AWARDED
Bachelor of Radiography and Medical Imaging (Honours)

PREREQUISITE STUDIES

VCE
English: Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL
Maths: Units 3 and 4: a study score of at least 25 in one of Mathematical Methods (CAS) or Specialist Mathematics
Science: Units 3 and 4: a study score of at least 25 in Biology or Physics

IB
English: At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL
Maths: At least 4 in Mathematics SL or 3 in Mathematics HL or 3 in Further Mathematics HL
Science: At least 4 in Physics or Biology SL or 3 in Physics or Biology HL

SELECTION REQUIREMENTS
You may be invited to attend an assessment task based on your academic results. You must attend the task to remain eligible for entry into the program.

ENROLMENT REQUIREMENTS
You must:
• satisfy the immunisation requirements specified by the faculty
• complete a National Police Records Check each year before undertaking clinical placements
• hold a valid Working with Children Check
• hold or attain a current registered level 1 first aid certificate.

INTAKE
February

WE LINK THE CLASSROOM AND THE CLINICAL WORKPLACE

"Radiographers play a huge role in assisting patients – if we don’t provide diagnostic images to find out what’s wrong, how can the patient be treated? The more I learn now, the more I’ll be able to help people in the future."

NATASHA MILES
Radiography and medical imaging student
“Having the opportunity to fly over African plains dotted with volcanoes and watch migrating herds in safari parks was definitely not what I expected when I enrolled in this course.”

TIM ZIEGLER
Science student

BACHELOR OF SCIENCE
Study science at Monash and learn from leading experts whose research is influencing the world’s future.

The choice, flexibility and depth across the huge range of science disciplines available at Monash means you’ll graduate with a degree unique to you, tailored to your individual expertise, interests and career aspirations. The comprehensive range of majors, extended majors and minors on offer provides you with a broad education and allows you to explore varied interests before specialising in one or two areas that most inspire you.

Your science experience at Monash will take place in new teaching and learning spaces designed with you in mind, including:
• a new chemistry building
• an innovative teaching facility for physics and astronomy
• purpose-built spaces for the study of maths, biology and earth, atmosphere and environment
• a science student-only lounge
• on-campus outdoor classrooms, such as the new Earth Sciences Garden.

DEGREE AWARDED
Bachelor of Science

DOUBLE DEGREES
• Arts
• Biomedical Science
• Commerce
• Commerce Specialist
• Computer Science
• Education (Honours)
• Engineering (Honours)
• Global Studies
• Information Technology
• Laws (Honours)
• Music

PREREQUISITE STUDIES
VCE
English: Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL
Maths or Science: Units 3 and 4: a study score of at least 25 in one subject from Biology, Chemistry, Environmental Science, Geography, Mathematical Methods (CAS), Specialist Mathematics, Physics or Psychology

IB
English: At least 4 in English Sl or 3 in English Hl or 5 in English B Sl or 4 in English B Hl
Maths or Science: At least 4 at Standard Level (Sl) or 3 at Higher Level (Hl) in one subject from Biology, Chemistry, Environmental Systems and Societies (Sl only), Further Mathematics (Hl only), Geography, Mathematics, Physics or Psychology

SCIENCE SUBJECT BONUS
If you’re studying more than one eligible science subject in Year 12, you’ll qualify for subject bonus. This could improve your ranking and eligibility into the course.

INTAKE
February and July

DIPLOMA OF HIGHER EDUCATION (DOHE)
If you didn’t get the ATAR required for direct entry into the Bachelor of Science at Monash, the Diploma of Higher Education can provide you with an alternative entry pathway. See page 16 for more.
Science holds the key to answering some of the most complex questions and global challenges we face. But to create real change we need more than just brilliant scientific minds.

We need a new generation of science graduates equipped with a broad set of skills and experiences that complement their science training, and who can push the boundaries of possibility.

The only one of its kind in Australia, the Bachelor of Science Advanced – Global Challenges (Honours) includes all the elements of a Bachelor of Science, and much more. In addition to studying the scientific discipline of your choice – from the broad range available in science – you'll receive high-level training in leadership, persuasive communication, entrepreneurship, policy, ethics and corporate social responsibility.

The pinnacle of your experience will be a year-long project in which you'll tackle a problem of real-world significance. Mentored by successful external leaders, you'll work in small teams to develop innovations and solutions to approach an issue from scientific, policy, social and business perspectives.

If you love science, and you're curious, adventurous, creative and prepared to challenge the status quo, then this course is for you.

**DEGREE AWARDED**
Bachelor of Science Advanced – Global Challenges (Honours)

**PREREQUISITE STUDIES**

**VCE**
- **English:** Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
- **Science:** Units 3 and 4: a study score of at least 30 in one subject from Biology, Chemistry, Environmental Science, Geography, Math Methods, Specialist Maths, Physics or Psychology.
- **IB**
  - **English:** At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL.
  - **Science:** At least 5 in Standard Level (SL) or 4 in Higher Level (HL) in one of: Biology, Chemistry, Environmental Systems and Societies (SL only), Further Mathematics (HL only), Geography, Mathematics, Physics or Psychology.

**SELECTION REQUIREMENTS**
You'll be required to complete a written submission and, if shortlisted, attend an interview in person. For further information visit monash.edu/admissions/personal-statements.

**INTAKE**
February

### Bachelor of Science Advanced – Research (Honours)

The Bachelor of Science Advanced – Research (Honours) is a high-profile, four-year advanced version of the Bachelor of Science, for high-achieving students who intend to pursue careers as research scientists.

This course allows you to progress more quickly to higher-level units, gives you more flexibility in your choice of units, and provides you opportunities to participate in research, embedded in a Monash research team. With access to exclusive enrichment programs and research mentoring by leading scientists, your career as a scientist will really take off.

You'll be studying in our new science advanced-student-only common room, learning from academics conducting inspiring research. And you'll graduate with an advanced degree from one of Australia’s leading science faculties.

**DEGREE AWARDED**
Bachelor of Science Advanced – Research (Honours)

**PREREQUISITE STUDIES**

**VCE**
- **English:** Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL.
- **Maths:** Units 3 and 4: a study score of at least 30 in Mathematical Methods (CAS)
- **Science:** Units 3 and 4: a study score of at least 30 in two subjects from Biology, Chemistry, Environmental Science, Geography, Mathematics HL, Physics or Psychology.
- **IB**
  - **English:** At least 5 in English SL or 4 in English HL or 6 in English B SL or 5 in English B HL.
  - **Maths:** At least 5 in Mathematics SL or 4 in Mathematics HL.
- **Science:** At least 5 in Standard Level (SL) or 4 in Higher Level (HL) in two of: Biology, Chemistry, Environmental Systems and Societies (SL only), Further Mathematics (HL only), Geography, Mathematics, Physics or Psychology.

Note: Mathematics or Further Mathematics can only be used if not counted towards the maths prerequisite.

**INTAKE**
February and July
DID YOU KNOW?

Take the outdoor classroom to new heights with a visit to the World Heritage area of the Cinque Terre, Italy, as part of your studies in earth, atmosphere and environment. Understand the complex environmental, social and economic interrelationships that shape the region, and develop possible solutions for regional sustainability.
HOW TO APPLY

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.

Average Student Contribution Amounts (SCA) for course commencement in 2016 can be found online at study.monash/courses. 2017 fees will differ.

Students enrolled at Monash University are also required to pay a Student Services and Amenities Fee.

SEMINER 1 ENTRY – APPLY THROUGH VTAC
If you’re aiming for semester 1 entry into undergraduate courses at Monash, you must apply via the Victorian Tertiary Admissions Centre at vtac.edu.au, unless specified in this course guide. Applications to VTAC open in August each year.

If you are applying for mid-year entry (April, July or October intake) you must apply directly to Monash.

REQUIREMENTS
To apply for undergraduate courses, you need to meet Monash’s entry and course-specific requirements, as well as the English language minimum prerequisites. Some parts of these, such as VCE study scores and extra requirements, are subject to change, so check the Monash website for the most up-to-date information on the course for which you’re applying.

study.monash/courses

DEFERMENT
At Monash, you’ll generally be offered deferment of an offered place for up to one academic year, unless you intend to study elsewhere. In that case, the faculty will decide whether your deferment is appropriate. Deferment for longer than one year may be considered in exceptional circumstances. Applications for deferment need to be made on the Web Enrolment System (WES) or on a Deferment Application Form and lodged with the relevant faculty before the end of the specified enrolment time.

monash.edu/get-started

SPECIAL ENTRY SCHEMES AND PATHWAY PROGRAMS
See page 16 to find out if you could be eligible.

study.monash/how-to-apply

UNDERGRADUATE COURSE
The first level of tertiary studies at university, including diploma or bachelor’s degree courses.

DEGREE
The academic title you get when you complete a course of study. For example: Bachelor of Arts, Master of Business.

COMPREHENSIVE COURSE
These courses allow you to select from a wide range of subjects within a broad field of study.

MAJOR
The main area(s) of study chosen in a comprehensive course; study in a single discipline, totalling 48 credit points (eight units) taken sequentially over three years. You don’t need to declare your major when you enrol.

EXTENDED MAJOR
An extended version of your major requiring you to study 72 credit points (12 units) over three years.

MINOR
Study in a single discipline, totalling 24 points (four units).

SPECIALIST COURSE
A structured course usually focused on developing the knowledge and skills needed for professional practice in a specific field or profession.

SPECIALISATION
Taken in specialist courses, a specialisation is a minimum of 12 units in a particular discipline, and provides an in-depth education in your chosen field. You must choose your specialisation when you enrol.

ELECTIVE
A unit where you choose what unit to study. The choice may be from a specified list of units or it may be a free elective where you can choose any unit within Monash providing you have the necessary entry requirements and there are no restrictions on enrolment in the unit.

PREREQUISITES
Previous study or other criteria required to gain admission into a particular course or unit.

UNITS
Subjects that make up your course are known as units.

HONOURS
Honours may be an extra year of study at the end of your undergraduate degree. All of our four-year undergraduate courses include honours in their structure.

DOUBLE DEGREE COURSES
Two courses studied concurrently, with required units in one course being counted as elective units in the other. A double degree takes two fewer years to complete than if you studied both one after the other.

GRADUATE COURSES
Further study completed after you graduate with a bachelor’s degree.

UNDERSTANDING UNI-SPEAK
Universities use some words you might not be familiar with. To make sure nothing is lost in translation, we’ve put together a list of explanations.

UNDERGRADUATE COURSE
The first level of tertiary studies at university, including diploma or bachelor’s degree courses.

DEGREE
The academic title you get when you complete a course of study. For example: Bachelor of Arts, Master of Business.

COMPREHENSIVE COURSE
These courses allow you to select from a wide range of subjects within a broad field of study.

MAJOR
The main area(s) of study chosen in a comprehensive course; study in a single discipline, totalling 48 credit points (eight units) taken sequentially over three years. You don’t need to declare your major when you enrol.

EXTENDED MAJOR
An extended version of your major requiring you to study 72 credit points (12 units) over three years.

MINOR
Study in a single discipline, totalling 24 points (four units).

SPECIALIST COURSE
A structured course usually focused on developing the knowledge and skills needed for professional practice in a specific field or profession.

SPECIALISATION
Taken in specialist courses, a specialisation is a minimum of 12 units in a particular discipline, and provides an in-depth education in your chosen field. You must choose your specialisation when you enrol.

ELECTIVE
A unit where you choose what unit to study. The choice may be from a specified list of units or it may be a free elective where you can choose any unit within Monash providing you have the necessary entry requirements and there are no restrictions on enrolment in the unit.

PREREQUISITES
Previous study or other criteria required to gain admission into a particular course or unit.

UNITS
Subjects that make up your course are known as units.

HONOURS
Honours may be an extra year of study at the end of your undergraduate degree. All of our four-year undergraduate courses include honours in their structure.

DOUBLE DEGREE COURSES
Two courses studied concurrently, with required units in one course being counted as elective units in the other. A double degree takes two fewer years to complete than if you studied both one after the other.

GRADUATE COURSES
Further study completed after you graduate with a bachelor’s degree.

THE SPECIAL ENTRY ACCESS SCHEME (SEAS)
The Special Entry Access Scheme (SEAS) provides special consideration in admissions for students who have experienced disadvantage.

monash.edu/seas
UNIVERSITY OF MONASH

UNDERGRADUATE COURSES AT A GLANCE

ACADEMIC PREREQUISITE SUBJECTS

All Monash undergraduate courses require you to have previously studied and achieved required standards in certain specified subjects.

The table below outlines the requirements, and the course listing tells you which categories apply to each course. Note that some courses have special requirements such as folios, special admissions tests or interviews. Make sure you check if this applies to your course of choice in the courses section of this guide.

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATHEMATICS</th>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or 25 in English other than EAL.</td>
<td>Units 3 and 4: a study score of at least 25 in one of Specialist Mathematics, Mathematical Methods or General Mathematics.</td>
<td>Units 3 and 4: a study score of at least 25 in one of Mathematical Methods (MATHS) or Specialist Mathematics.</td>
</tr>
<tr>
<td>IB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At least 4 at Standard Level in English A1 or A2, or 4 in English B1 or B2.</td>
<td>At least 4 at Standard Level in Mathematics A1 or A2, or 4 in Mathematics Sl I or Mathematics Sl II.</td>
<td>At least 4 at Standard Level in Mathematics A1 or A2, or 4 in Mathematics Sl I or Mathematics Sl II.</td>
</tr>
</tbody>
</table>

Quick Find

Art, Design and Architecture 91
Arts, Humanities and Social Sciences 91
Business 91
Education 91
Engineering 92
Information Technology 92
Law 92
Medicine, Nursing and Health Sciences 92
Pharmacy and Pharmaceutical Sciences 93
Science 93

PATHWAY PROGRAMS

If you don’t quite meet the entry requirements for your choice of course at Monash you then you may be able to apply for one of our diploma pathway programs. These diplomas are designed to give you the skills and qualifications to gain entry into a range of degree courses. See page 16 for more information.

<table>
<thead>
<tr>
<th>DIPLOMA OF HIGHER EDUCATION</th>
<th>DIPLOMA OF TERTIARY STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSINESS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>EDICTION</td>
<td></td>
</tr>
</tbody>
</table>

Quick Find

If you don’t quite meet the entry requirements for your choice of course at Monash you then you may be able to apply for one of our diploma pathway programs. These diplomas are designed to give you the skills and qualifications to gain entry into a range of degree courses. See page 16 for more information.

PATHWAY PROGRAMS

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PATHWAY PROGRAMS

If you don’t quite meet the entry requirements for your choice of course at Monash you then you may be able to apply for one of our diploma pathway programs. These diplomas are designed to give you the skills and qualifications to gain entry into a range of degree courses. See page 16 for more information.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES (REFER TO TABLE ON PAGE 90)</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EDUCATION</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CONTINUED</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EDUCATION</strong></td>
<td>4.25F</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Education (Honours) in Secondary School and Physical Education</td>
<td>Clayton</td>
<td>E:75+ E:37+ 70 42</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Education (Honours) in Secondary School (studied as part of a double degree)</td>
<td>Clayton</td>
<td>See page 95 for double degree entry requirements</td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td>4</td>
<td>Math Methods Chemistry or Physics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Aerospace Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Chemical Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:80 76 51</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Civil Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Electrical and Computer Systems Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Mechanical Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Materials Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Mining Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Software Engineering (Honours)</td>
<td>Clayton</td>
<td>E:90+ E:30+ 86 48</td>
</tr>
<tr>
<td><strong>INFORMATION TECHNOLOGY</strong></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Computer Science</td>
<td>Clayton</td>
<td>E:85 30 75 35</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Computer Science in Data Science</td>
<td>Clayton</td>
<td>E:85 30 75 35</td>
</tr>
<tr>
<td><strong>ENGINEERING ADVANCED</strong></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Computer Science Advanced (Honours)</td>
<td>Clayton</td>
<td>E:85 30 75 35</td>
</tr>
<tr>
<td><strong>INFORMATION TECHNOLOGY</strong></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Information Technology (see page 58 for majors)</td>
<td>Clayton</td>
<td>E:85 20 75 55</td>
</tr>
<tr>
<td><strong>LAW</strong></td>
<td>4.25F</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Laws (Honours)</td>
<td>Clayton</td>
<td>E:90 43 94 63</td>
</tr>
<tr>
<td><strong>MEDICINE, NURSING AND HEALTH SCIENCE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Biomedical Science</strong></td>
<td>3</td>
<td>or 25+ in Physics 25+ in Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Biomedical Science (Honours)</td>
<td>Clayton</td>
<td>E:94.9 37 88</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Biomedical Science (Scholar Program)</td>
<td>Clayton</td>
<td>E:90 30 80 30</td>
</tr>
<tr>
<td><strong>Biomedical Science Advanced</strong></td>
<td>4</td>
<td>or 30+ in Mathematics or Physics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bachelor of Biomedical Science Advanced (Honours)</td>
<td>Clayton</td>
<td>E:90.5 30 90 27</td>
</tr>
</tbody>
</table>

1. Duration is based on a standard full-time load of 48 credit points per annum.
2. The Bachelor of Laws (Honours) is an accelerated course where you will be required to undertake more than the Standard Annual Load of 48 credit points in Year 1 and/or in Year 2 in order to complete the course in four calendar years.
3. The Bachelor of Education is an accelerated course where you will be required to undertake more than the Standard Annual Load of 48 credit points in Year 1 and/or in Year 2 in order to complete the course in four calendar years.

**RC** – Range of Criteria.

**E** – Estimated. The provided score is estimated and is to be used as a guide only.

*Conditions apply.

**MEDICINE, NURSING AND HEALTH SCIENCE (CONTINUED)**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES (REFER TO TABLE ON PAGE 90)</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HEALTH SCIENCES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MEDICINE</strong></td>
<td>5</td>
<td>30+ in Chemistry Bachelor of Medical Science and Doctor of Medicine</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>NURSING</strong></td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NURSING AND MIDWIFERY</strong></td>
<td>4</td>
<td>Bachelor of Nursing Bachelor of Midwifery (Honours)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>NURSING AND MIDWIFERY</strong></td>
<td>4</td>
<td>Bachelor of Nursing and Bachelor of Midwifery (Honours)</td>
<td>Peninsula</td>
</tr>
<tr>
<td><strong>NURSING AND MIDWIFERY</strong></td>
<td>4</td>
<td>Bachelor of Nursing and Bachelor of Midwifery (Honours)</td>
<td>Peninsula</td>
</tr>
<tr>
<td><strong>NUTRITION SCIENCE</strong></td>
<td>3</td>
<td>Chemistry Bachelor of Nutrition Science Bachelor of Nutrition Science (Scholar Program)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>OCCUPATIONAL THERAPY</strong></td>
<td>4</td>
<td>Bachelor of Occupational Therapy (Honours)</td>
<td>Peninsula</td>
</tr>
<tr>
<td><strong>PHYSIOTHERAPY</strong></td>
<td>4</td>
<td>Tox of Biology, Chemistry, Maths (CAS), Specialist Maths</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>PSYCHOLOGICAL SCIENCE ADVANCED</strong></td>
<td>4</td>
<td>Bachelor of Psychological Science Advanced (Honours)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>RADIOGRAPHY AND MEDICAL IMAGING</strong></td>
<td>4</td>
<td>One of Biology or Physics Bachelor of Radiography and Medical Imaging (Honours)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>PHARMACY AND PHARMACEUTICAL SCIENCES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PHARMACY</strong></td>
<td>5</td>
<td>Chemistry Bachelor of Pharmacy (Honours) and Master of Pharmacy</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>PHARMACEUTICAL SCIENCES</strong></td>
<td>3</td>
<td>Chemistry Bachelor of Pharmaceutical Sciences</td>
<td>Parkville</td>
</tr>
<tr>
<td><strong>PHARMACEUTICAL SCIENCES Advanced</strong></td>
<td>4</td>
<td>Chemistry Bachelor of Pharmaceutical Science Advanced (Honours)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>SCIENCE</strong></td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SCIENCE Advanced – Global Challenges</strong></td>
<td>4</td>
<td>A study score of at least 30 in one Science Bachelor of Science Advanced – Global Challenges (Honours) (see page 85 for majors)</td>
<td>Clayton</td>
</tr>
<tr>
<td><strong>SCIENCE Advanced – Research</strong></td>
<td>4</td>
<td>30+ in Mathematics A study score of at least 30 in five of Biology, Chemistry, Environmental Science, Maths, Specialist Maths or Psychology Bachelor of Science Advanced – Research (Honours) (see page 85 for majors)</td>
<td>Clayton</td>
</tr>
</tbody>
</table>

4. For the first three semesters of this course you will study on the Monash Caulfield campus. After this, you will study the remainder on the Monash Peninsula campus.

5. To enter the third semester of this course you will study on the Monash Caulfield campus. After this, you will study the remainder on the Monash Clayton campus.

RC – Range of Criteria.

E – Estimated. The provided score is estimated and is to be used as a guide only.

*Conditions apply.
## Double Degree Prerequisites

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
<th>Degree Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Commerce Specialist</strong> / <strong>Computer Science</strong></td>
<td>4</td>
<td>Bachelor of Actuarial Science and Bachelor of Computer Science</td>
</tr>
<tr>
<td><strong>Commerce Specialist</strong> / <strong>Information Technology</strong></td>
<td>4</td>
<td>Bachelor of Economics and Bachelor of Computer Science</td>
</tr>
<tr>
<td><strong>Commerce Specialist</strong> / <strong>Design</strong></td>
<td>4</td>
<td>Bachelor of Economics and Bachelor of Information Technology</td>
</tr>
<tr>
<td><strong>Design / Business</strong></td>
<td>4</td>
<td>Bachelor of Commerce and Bachelor of Business</td>
</tr>
<tr>
<td><strong>Design / Information Technology</strong></td>
<td>4</td>
<td>Bachelor of Communication Design and Bachelor of Information Technology</td>
</tr>
<tr>
<td><strong>Education</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Primary Education and Bachelor of Arts</td>
</tr>
<tr>
<td><strong>Education / Business</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Secondary Education and Bachelor of Business</td>
</tr>
<tr>
<td><strong>Education / Computer Science</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Secondary Education and Bachelor of Computer Science</td>
</tr>
<tr>
<td><strong>Education / Information Technology</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Secondary Education and Bachelor of Information Technology</td>
</tr>
<tr>
<td><strong>Education / Music</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Primary Education and Bachelor of Music</td>
</tr>
<tr>
<td><strong>Education / Science</strong></td>
<td>4.25</td>
<td>Bachelor of Education (Honours) in Secondary Education and Bachelor of Science</td>
</tr>
<tr>
<td><strong>Engineering / Architectural Design</strong></td>
<td>5</td>
<td>Bachelor of Civil Engineering (Honours) and Bachelor of Architectural Design</td>
</tr>
<tr>
<td><strong>Engineering / Fine Arts</strong></td>
<td>4.25</td>
<td>Bachelor of Engineering (Honours) in Primary Education and Bachelor of Visual Arts</td>
</tr>
<tr>
<td><strong>Engineering / Global Studies</strong></td>
<td>4.25</td>
<td>Bachelor of Engineering (Honours) in Secondary Education and Bachelor of Visual Arts</td>
</tr>
</tbody>
</table>

**Conditions apply:**
- **RC:** Range of Criteria
- **E:** Estimated
- The provided score is estimated and is to be used as a guide only.
- **Score approved list:**
  - VCE: Biology, Chemistry, Environmental Sciences, Geography, Mathematical Methods (CAS), Specialist Mathematics, Physics or Psychology.
  - IB (HL) or Higher: Biology, Chemistry, Environmental Systems and Societies, Further Mathematics (HL), Geography, Mathematics, Physics or Psychology.

**Indicative Minimum Scores:**
- **RC 75:**
  - VCE: Biology, Chemistry, Environmental Sciences, Geography, Mathematical Methods (CAS), Specialist Mathematics, Physics or Psychology.
  - IB (HL) or Higher: Biology, Chemistry, Environmental Systems and Societies, Further Mathematics (HL), Geography, Mathematics, Physics or Psychology.

**Duration:**
- Duration is based on a standard full time load of 48 credit points per annum.

**Range of Criteria:**
- Conditions apply.
- **RC** - Range of Criteria
- **E** - Estimated
- The provided score is estimated and is to be used as a guide only.
- **Score approved list:**
  - VCE: Biology, Chemistry, Environmental Sciences, Geography, Mathematical Methods (CAS), Specialist Mathematics, Physics or Psychology.
  - IB (HL) or Higher: Biology, Chemistry, Environmental Systems and Societies, Further Mathematics (HL), Geography, Mathematics, Physics or Psychology.

**Fields of Study:**
- **IB:** At least 5 in English HL or 4 in English SL or 4 in English B.
- At least 5 in English HL or 4 in English SL or 4 in English B.
- At least 4 in English HL or 5 in English.
- Successful completion of key mathematics subject.
- At least 3 in Mathematics HL or 3 in Further Mathematics HL.
- At least 4 in Mathematics SL or 3 in Further Mathematics HL.
- At least 4 in Mathematics SL or 3 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 5 in Mathematics HL or 3 in Further Mathematics HL.
- At least 3 in Mathematics HL.
- At least 4 in Mathematics HL or 3 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
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- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
- At least 4 in Further Mathematics HL.
### Biomedical Science

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biomedical Science</strong></td>
<td>5</td>
<td>Math Methods, Chemistry</td>
<td>Bachelor of Chemical Engineering (Honours) and Bachelor of Biomedical Science</td>
</tr>
</tbody>
</table>

### Engineering/Commerce

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering/Commerce</strong></td>
<td>5</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Biomedical Science</td>
</tr>
</tbody>
</table>

### Engineering/Design

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering/Design</strong></td>
<td>5</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Mechanical Engineering (Honours) and Bachelor of Industrial Design</td>
</tr>
</tbody>
</table>

### Engineering/Pharmaceutical Science

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering/Pharmaceutical Science</strong></td>
<td>5</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Pharmaceutical Science</td>
</tr>
</tbody>
</table>

### Engineering/Science

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering/Science</strong></td>
<td>5</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Mechanical Engineering (Honours) and Bachelor of Science</td>
</tr>
</tbody>
</table>

### Fine Art/Business

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fine Art/Business</strong></td>
<td>4</td>
<td></td>
<td>Bachelor of Visual Arts and Bachelor of Business</td>
</tr>
</tbody>
</table>

### Fine Art/Information Technology

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fine Art/Information Technology</strong></td>
<td>4</td>
<td></td>
<td>Bachelor of Visual Arts and Bachelor of Information Technology</td>
</tr>
</tbody>
</table>

### Information Technology/Arts

<table>
<thead>
<tr>
<th>COURSE</th>
<th>DURATION (YEARS)</th>
<th>PREREQUISITES</th>
<th>DEGREE AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Information Technology/Arts</strong></td>
<td>4</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Information Technology and Bachelor of Arts</td>
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</table>

### Information Technology/Science

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>DEGREE AWARDED</th>
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<td><strong>Information Technology/Science</strong></td>
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### Laws/Arts

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<tr>
<td><strong>Laws/Arts</strong></td>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
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### Laws/Biomedical Science

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<tr>
<td><strong>Laws/Biomedical Science</strong></td>
<td>5.25</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Laws (Honours) and Bachelor of Biomedical Science</td>
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### Laws/Commerse

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<tr>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Laws (Honours) and Bachelor of Commerce</td>
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### Laws/Engineering

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<td><strong>Laws/Engineering</strong></td>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Laws (Honours) and Bachelor of Mechanical Engineering (Honours)</td>
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### Laws/Global Studies

<table>
<thead>
<tr>
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<td><strong>Laws/Global Studies</strong></td>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
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### Laws/Science

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### Nursing/Midwifery

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<td><strong>Nursing/Midwifery</strong></td>
<td>5.25</td>
<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Nursing and Bachelor of Midwifery (Honours)</td>
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### Science/Arts

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### Science/Biomedical Science

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<td><strong>Science/Biomedical Science</strong></td>
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### Science/Computer Science

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<td><strong>Science/Computer Science</strong></td>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
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### Science/Global Studies

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<td><strong>Science/Global Studies</strong></td>
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### Science/Music

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<td><strong>Science/Music</strong></td>
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<td>Science approved list: VCE: Biology, Chemistry, Environmental Science, Geography, Maths Methods (CAS), Specialist Maths, Physics or Psychology; IB: Biology (any), Chemistry (any), Geography (any), Mathematics SL, Mathematics HL, Physics or Psychology.</td>
<td>Bachelor of Science and Bachelor of Music</td>
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1. Conditions apply. RC – Range of Criteria. E – Estimated. The provided scores are estimated and/or to be used as a guide only.
2. Duration is based on a standard full time load of 48 credit points per annum.
3. Depending upon your Arts major you may take the Arts component at Clayton or Caulfield.
4. Science approved list.