

**Year 10
guide to VCE
subject
selection**

for 2025 university entry

**St John's Regional
College**

This publication provides a general overview of the VCE subjects required for entry to particular sorts of higher education courses, at April 2022.

The guide aims to give you the general idea rather than every last detail – so that you can plan according to the basic principles rather than trying to deal with the oddities of particular courses. Once you have the basic ideas sorted, you can then do a cross check via the VTAC website or with the course guides of individual institutions.

Not every course is listed, especially all the combined degrees which tend to confuse the main issue.

(The prerequisites for combined degrees are usually those of each of the component degrees.)

However, the listings include all the most important courses that attract a significant number of applicants.

The prerequisites listed are units 3 and 4 of VCE studies unless otherwise stated.

English is not listed as a prerequisite because every higher education course requires a unit 3 and unit 4 sequence.

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If you are good at it, do it.

The official word is that you should take the subjects that reflect your interests and abilities.

That's the way to maximise your ATAR and to make it worthwhile in all sorts of other ways.

There are some simple requirements about English and the number of studies you must complete for the VCE – and university prerequisites to consider.

But otherwise, if you are good at it, do it. The ATAR will follow and, with a few simple precautions, you will have the prerequisites covered for entry to the course of your choice.¹

1. Everyone has their theories about how to maximise ATARs, but the official advice always says the same thing – follow your interests and abilities as a way of maximising your ATAR because scaling takes into account the different levels of competition in each study.

the VCE

To qualify for the VCE, you must satisfactorily complete at least 16 units.

1.

In most cases students undertake **12 units (six studies) in Year 11** and **10 units (five studies) in Year 12** – although it is quite common for students to start the process in Year 10.

2.

at least three units of English (English, English EAL, English Language or Literature), two of which must be from a Unit 3/4 sequence

3.

an additional three Unit 3/4 sequences of studies (which may include any number of English sequences once the English requirement has been met).^{1,2}

1. In general, Maths, LOTEs, Chemistry and Physics would always be taken from units 1 to 4 but other subjects allow for students to pick up the units 3/4 should they have not liked their initial unit 1 & 2 choice in another study.
2. In each of the study areas of English, mathematics, history, contemporary society studies, information technology, languages and music:
 - at most two results can contribute to the primary four
 - at most three results can contribute to the ATAR.

VCE and ATAR subject grid

unit 1 unit 2 unit 3 unit 4

The ATAR is developed from unit 3 and 4 results in up to six studies:^{1,2}

- one of English, English (EAL), English Language or Literature.
- three of your best other studies (VCE, Approved Higher Education studies and VCE VET unit 3 and 4 sequences with scored assessments).
- 10% of any fifth and sixth studies (VCE and VCE VET unit 3 and 4 sequences and Approved Higher Education studies). Up to two unscored VET or VE3 increments can be included as 10% of the lowest study score of your primary four.


required 16 units, 4 studies

English	English	English	English
Study 2	Study 2	Study 2	Study 2
Study 3	Study 3	Study 3	Study 3
Study 4	Study 4	Study 4	Study 4

optional 10% of fifth and sixth study

Study 5	Study 5	Study 5	Study 5
Study 6	Study 6	Study 6	Study 6

English: one of English, English (EAL), English Language or Literature required.



the 3 crucial VCE decision points

Your VCE subject choices determine the university, pathway and other courses that you may be eligible for, and the ones you may be excluded from.

It's not complicated – just a mass of detail that can be difficult to come to terms with.

But we can spell out the basic guidelines for you.

english, maths and chemistry

No one wants you to decide NOW what you want to do at the end of Year 12 – that would be ridiculous.

The strategy is to position yourself to maximise your options.

As a result, it would be good to know what you won't be able to do if you don't undertake certain VCE studies – to understand the consequences of the choices you are about to make.

Amid all the detail of prerequisites for university courses, in terms of stated, formal requirements, it is essentially all about:

- English
- Mathematics and
- Chemistry.

You must remember, however, that in areas like the creative arts, where there are generally no formal prerequisites, selection is often based on a portfolio of work – and that really means you may need to take relevant studies in the VCE such as Art Creative Practice, Art Making and Exhibiting, Visual Communication Design, Media or Theatre Studies.

The VCE requires you to do a sequence of units 3 and 4 in English¹, so that solves that one.

If you think you can manage it, then you should do units 3 and 4 **Mathematical Methods** because, if you don't, Commerce at Melbourne and Monash is out, and so too are most engineering courses.

But if you don't think Mathematical Methods is for you, then at least **General Mathematics** (preferably units 3 and 4) is crucial for entry to many business, IT and health courses (and units 1 and 2 relevant for education courses).

Check the VTAC Prerequisites for 2025 publication for how the new **Foundation Mathematics** subject will be considered.

And then Chemistry needs to be considered. In fact, if you are considering any science-based course, Chemistry is generally an important (but not always essential) foundation.

In addition, you would have real issues for entry to some health courses (for example, biomedicine, medicine) and some health sciences if you don't have Chemistry; if you don't have either Physics or Chemistry, engineering at Monash is out.

1. English, English (EAL), English Language or Literature.

1-english

**The VCE and higher education entry require a unit 3 and unit 4 sequence in English.
But which English?**

Four 3/4 unit English studies are offered for the VCE:

- **English**
- **Literature**
- **English Language.**
- **English as an Additional Language (EAL)**

English

English is the sequence that almost everyone takes – in 2021, 36,588 students completed English unit 4, whereas only 3,504 completed Literature, 3,231 completed English EAL and only 3,929 completed English Language.

English is the broadest VCE English study that students can undertake. It essentially involves reading and responding to texts in order to comprehend, appreciate and analyse the ways in which texts are constructed and interpreted.



Literature

Literature is recommended for students who enjoy reading and analysing a range of texts in depth.

There is a strong emphasis on historical and cultural contexts, endorsing or refuting differing perspectives and developing an understanding of literary criticism. In addition, there is an emphasis on engaging in close analysis of textual detail to show how language, literary elements and techniques function within a text.



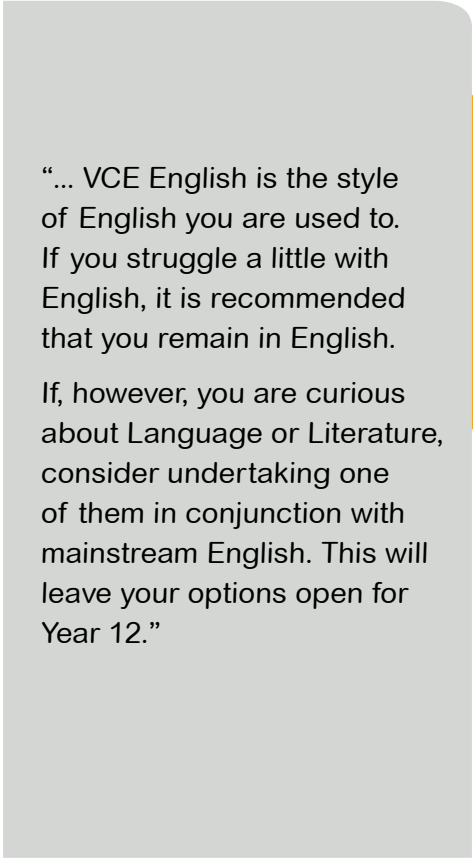
English Language

English Language is an option for students who enjoy analysing language and its uses. It provides the linguistic tools to understand and analyse language use, variation and change.



English as an Additional Language


English as an Additional Language (more usually referred to as English as a Second Language (ESL)) is for students from a non-English-speaking background who meet specific requirements such as not having been a resident in a predominantly English-speaking country for more than seven years.



“... VCE English is the style of English you are used to. If you struggle a little with English, it is recommended that you remain in English.

If, however, you are curious about Language or Literature, consider undertaking one of them in conjunction with mainstream English. This will leave your options open for Year 12.”

2-mathematics




You need to be sure that the course you may want to enter doesn't require mathematics. It could be a risk not doing a unit 3/4 mathematics sequence.

Not compulsory for the VCE



Mathematics is not compulsory for the VCE. But the problem is that you will not be able to gain entry to a great many university courses if you don't have mathematics.

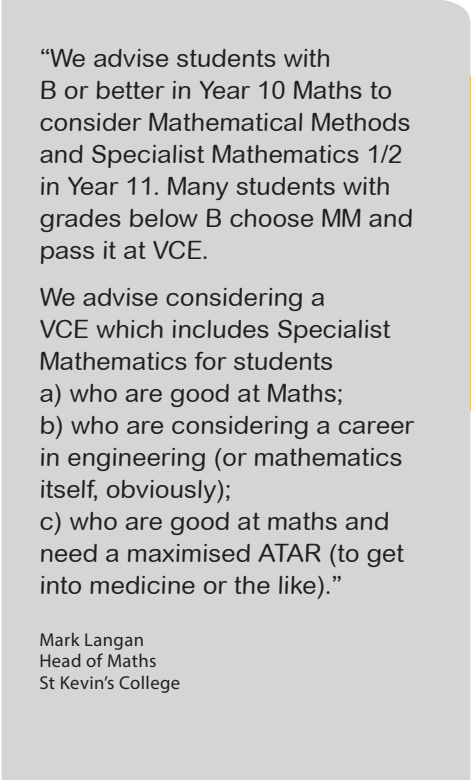


Education, science, health and engineering courses generally require some level of VCE mathematics, as do many business courses.

In particular, if you don't have Mathematical Methods, then engineering may not be an option for you, nor would Commerce at Melbourne or Monash.

But there are still many courses that don't require mathematics in arts, business, information technology, law, the creative arts and communication that may be just right for you. You just need to be careful and consider the consequences if you choose not to take mathematics.

Check the VTAC Prerequisites for 2025 publication for how the new Foundation Mathematics subject will be considered.



“We advise students with B or better in Year 10 Maths to consider Mathematical Methods and Specialist Mathematics 1/2 in Year 11. Many students with grades below B choose MM and pass it at VCE.

We advise considering a VCE which includes Specialist Mathematics for students


- a) who are good at Maths;
- b) who are considering a career in engineering (or mathematics itself, obviously);
- c) who are good at maths and need a maximised ATAR (to get into medicine or the like).”

Mark Langan
Head of Maths
St Kevin's College

3-chemistry

**You would think you would need
Chemistry or Physics for science
degrees.**

**However, you can get into many
science-based courses without
Chemistry or Physics - but it might
not be a good idea.**



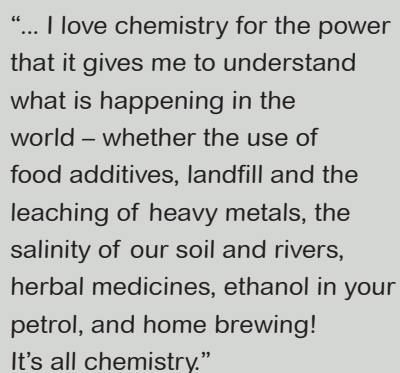
Science degrees are broadly based and you could generally get in with one of Biology, Chemistry, Mathematical Methods or Physics.

But getting in might not be good enough. What will you do when you get there?

You might, for instance, be specialising in mathematics or psychology, for which chemistry is not necessarily relevant.

But for many of the options within science degrees, chemistry is a crucial foundation and an important subject to study along with any other specialisations.

The environmental sciences, geology, the medical sciences and biochemistry/physiology are all underpinned by chemistry. In addition, physics is very important for engineering as well as for a number of health courses, particularly medical radiation science.



“... I love chemistry for the power that it gives me to understand what is happening in the world – whether the use of food additives, landfill and the leaching of heavy metals, the salinity of our soil and rivers, herbal medicines, ethanol in your petrol, and home brewing! It’s all chemistry.”

Wayne Davies
Consulting Engineer

math methods,

You don't need Maths Methods for:

- business degrees**
- information technology**
with few exceptions
- physiotherapy**
(except Melb pathways)
- most science degrees**
(except Melb, and many RMIT)
- architecture, planning,**
construction
agriculture



Math Methods

biomedical science (Monash)



+ math methods or physics

You should have:
chemistry or biology or physical education:

- oral health** (La Trobe)
- chemistry or physics + math methods:
engineering (Monash)
- chemistry or physics or biology:
medical imaging (Deakin)
- chemistry or biology:
oral health (Melbourne)

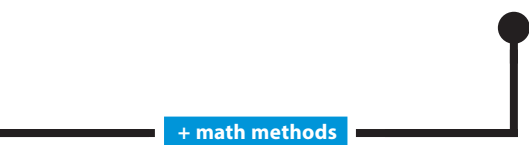
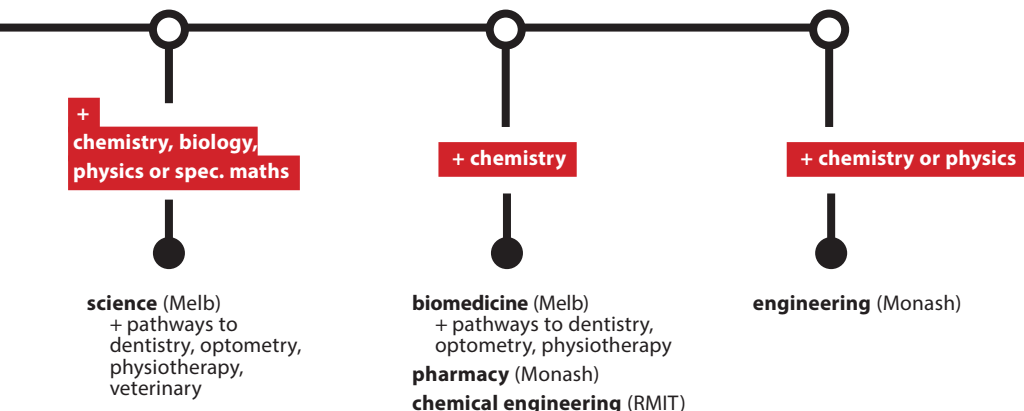


Chemistry

chemistry?

You should have Math Methods for:

- commerce** (Melbourne, Monash), **economics and actuarial** (Monash)
- engineering with few exceptions** (VU and biomed. and flex. eng RMIT)
- medical imaging/radiation** (except Deakin)
- pharmacy** (Monash, but not La Trobe or RMIT)
- computer science** (most, but not Deakin or Swinburne)
- surveying** (RMIT), **aviation pilot** (Swinburne)



You should have Chemistry for:

- medicine** (Monash), **pharmacy** (La Trobe, RMIT)
- dentistry + Biology** (La Trobe),
- biomedical science** (RMIT)



dentistry (La Trobe)

agriculture and environment

The prerequisites for agriculture and environment courses are not as demanding as you might expect.

Nevertheless, it could limit your opportunities to undertake a degree in agriculture or environmental studies without VCE Chemistry as a starting point.

Agriculture and the environment are very broad fields – but chemistry (and perhaps mathematics) is the foundation of both. For instance, despite the overall prominence of global warming as THE environmental issue, the major Australian environmental challenges are the interrelated issues of water and land (including salinity, soil acidity and erosion).

You need the scientific and quantitative/mathematical skills for assessing and monitoring the environment in a great variety of contexts (land, vegetation and water resources specifically).

And then there is the whole field of pollution – whether agricultural, industrial, transport or other varieties – and it generally comes down to chemistry in the analysis of the problem and in its remediation.

Of course, both agriculture and environmental studies go beyond the science and field work.

You need to link the science with the business and political dimensions of both agriculture and environmental management.

Just think about the contention surrounding the Murray-Darling or the Great Barrier Reef. So degrees in law, economics, engineering and planning go hand in hand with credentials in agriculture or environmental studies.

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- **<5** less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- single degrees only (except law and teaching)

■ no assumed, other than english

Deakin University

Geelong

B Marine Science (66.70)
 B Science (61.35)
 B Zoology and Animal Science (66.25)

Melbourne

B Env. Science (Env Management/Sustainability) (61.55)

B Environ Sc (Wildlife & Cons Biology) (75.10)

B Laws/B Science (95.45)

B Science (61.60)

Warrnambool

B Environmental Science (Marine Biology) (52.15)

La Trobe University

Bendigo

B Business (Agribusiness) (<5)
 B Outdoor & Sustainability Education (57.85)

Melbourne

B Animal & Vet Bioscience (60.75)
 B Biological Sciences (55.65)
 B Business (Agribusiness) (<5)
 B Science (Wildlife & Conservation Biology) (75.00)

RMIT University

City

B Environment and Society (71.55)

Swinburne University

Hawthorn

B Arts (55.35)
 B Arts/B Laws (82.10)

Victoria University

Footscray

B Outdoor Education & Environmental Science (n.a.)

■ biology, chemistry, environmental science, geography, math methods, physics or psychology

Monash University

Clayton

B Science (85.05)
 B Science - Law pathway (<5)
 B Science/B Laws (97.00)

■ mathematical methods

RMIT University

City

B Science (Applied Sciences) (70.85)
 City/Bundoora
 B Environmental Sc/B Eng (Environmental) (81.75)

■ general maths or maths methods

RMIT University

City

B Environmental Sc/B Environment and Society (75.80)
 B Environmental Science (63.90)

University of Melbourne

B Agriculture/Juris Doctor (<5)

Dookie/Parkville

B Agriculture (71.25)

Victoria University

Footscray

B Science (n.a.)

■ mathematics any

La Trobe University

Albury W

B Agriculture (69.55)

Melbourne

B Agriculture (62.00)

Swinburne University

Hawthorn

B Science (61.20)
 B Science/B Laws (<5)

■ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne

B Science (85.00)
 B Science/D Veterinary Medicine (98.55)
 B Science/Juris Doctor (99.80)

■ science (any) or maths (any)

Federation University

B Environmental & Conservation Science (63.85)
 B Science (<5)
 B Veterinary and Wildlife Science (51.05)

built environment

The built environment specialisations – architecture, interior design, planning and landscape architecture – offer a unique combination of the visual arts, science and the humanities. They are a way of integrating an interest in any of those disciplines within a professional qualification.

no assumed, other than english

Deakin University

Waterfront

B Construction Management (60.30)
B Design (Architecture) preprofessional (71.75)

La Trobe University

Bendigo

B Planning (<5)

Monash University

Caulfield

B Architectural Design (preprofessional) (75.10)

RMIT University

City

B Architectural Design (preprofessional) (n.a.)
B Landscape Architectural Design preprofess. (n.a.)
B Urban and Regional Planning (70.45)

Swinburne University

Hawthorn

B Design (Architecture) preprofessional (70.75)
B Digital Construction Management (62.55)

Victoria University

Footscray

B Building Design (n.a.)
B Building Surveying (n.a.)
B Construction Management (n.a.)

University of Melbourne

B Design (88.00) ¹.
B Design/Juris Doctor (<5)

mathematical methods

RMIT University

City

B App Science (Surveying) (69.60)

Swinburne University

Hawthorn

B Engineering (70.00)

mathematics any

RMIT University

City

B App Science (Construction Management) (75.05)
B App Science (Project Mgt) (70.00)

1. B Design. Applicants intending to major in Civil Systems, Computing, Construction, Mechanical Systems, Property or Spatial Systems may be required to undertake a bridging subject in mathematics as breadth in first year. This is equivalent to Units 3 and 4 Mathematical Methods, and entry requires a mathematics background equivalent to Units 1 and 2 Mathematical Methods.

business

In most cases, there are no prerequisites for entry to undergraduate business degrees. Only for Monash (Clayton campus) or the University of Melbourne is there a significant prerequisite – Mathematical Methods – with unit 3/4 mathematics (any) a relatively undemanding requirement for Monash (Caulfield).

It is surprising that no one at all requires you to do either Economics or Business Studies for the VCE for entry to a business degree. It's only a question of whether you take mathematics, and at what level.

There is a breadth of subject areas within business degrees and they may require differing levels of quantitative/mathematical skills. Management and human resource management, for instance, tend to be less quantitative than finance or marketing.

And even within particular subject areas of business (such as marketing or economics) there are differing approaches, some of which may be quantitative/mathematical and others which may be more descriptive/analytical without requiring high-powered mathematical techniques.

Given that so much of business analysis is based on data analysis, you should take the highest level of mathematics that you are comfortable with if you are contemplating a business degree – ideally Mathematical Methods – even if most universities don't require it for entry to their degrees.

no assumed, other than english

Australian Catholic University

Melbourne

B Accounting and Finance (58.90)
B Business Administration (59.15)
B Business Administration/B Laws (75.30)
B Commerce (62.30)
B Commerce/B Laws (76.65)

Deakin University

Melbourne

B Business (63.10)
B Business - Sport Management (80.20)
B Business/B Arts (65.80)
B Commerce (80.10)
B Commerce/B Laws (91.00)
B Human Resource Management (Psychology) (74.15)
B Marketing (Psychology) (73.70)
B Property & Real Estate/B Laws (<5)
B Property and Real Estate (70.40)
B Sport Development (65.45)

Warrnambool

B Commerce (<5)

Waterfront

B Business (60.15)
B Commerce (70.35)
B Commerce/B Laws (85.05)

Federation University

Berwick

B Business (37.80)

Gippsland

B Business (45.40)

Mt Helen

B Business (41.90)

La Trobe University

Bendigo

B Accounting (65.45)

B Business (59.60)

Melbourne

B Accounting (62.85)
B Business (55.20)
B Business (Finance) (57.40)
B Business (Event Management) (67.15)
B Business (Human Resource Management) (57.70)
B Business (Management) (55.95)
B Business (Marketing) (56.40)
B Business (Sport Management) (55.20)
B Business (Tourism/Hospitality) (56.25)
B Commerce (81.55)
B Commerce/B Laws (90.40)
B Politics, Philosophy & Economics (66.70)

RMIT University

City

B Arts (Music Industry) (71.30)
B Business (70.00)
B Business (Accountancy) (63.60)
B Business (Blockchain Enabled Business) (64.70)
B Business (Economics & Finance) (63.30)
B Business (Entrepreneurship) (63.55)
B Business (Financial Planning) (65.45)
B Business (HRM) (63.95)
B Business (International Business) (63.30)
B Business (Logistics & Supply Chain) (64.35)
B Business (Management) (68.50)
B Business (Marketing) (63.30)
B Business Professional Practice (80.10)

University of Melbourne

B Design (88.00) ¹.

B Design/Juris Doctor (<5)

1. B Design. Applicants intending to major in Civil Systems, Computing, Construction, Mechanical Systems, Property or Spatial Systems may be required to undertake a bridging subject in mathematics as breadth in first year. This is equivalent to Units 3 and 4 Mathematical Methods, and entry requires a mathematics background equivalent to Units 1 and 2 Mathematical Methods.

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- <5 less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

Swinburne University

Hawthorn

B Accounting (63.30)
 B Business (55.25)
 B Laws/B Business (80.35)

Victoria University

B Business (n.a.)
 B Business (Accounting) (Event Management)
 (Human Resource Management) (Management &
 Innovation) (Marketing) (Tourism and Hospitality)
 (n.a.)
 B Sport Management (n.a.)

+ mathematical methods

Monash University

Clayton

B Actuarial Science (87.65)
 B Commerce (86.50)
 B Commerce (Law Pathway) (<5)
 B Commerce/B Laws (97.00)
 B Economics (85.90)
 B Finance (86.15)

University of Melbourne

B Commerce (91.00)
 B Commerce/Juris Doctor (99.80)

+ mathematics any

Monash University

Caulfield

B Accounting (77.20)
 B Banking and Finance (79.10)
 B Business (76.00)
 B Marketing (77.70)
 B International Business (76.45)

Clayton

B Politics Philosophy and Economics (n.a.)

RMIT University

City

B App Science (Project Mgt) (70.00)
 B App Science (Property & Valuation) (70.45)

University of Melbourne

Dookie/Parkville

B Agriculture (71.25)

+ some maths

Monash University

Peninsula

B Business Administration (70.60)

Business, Commerce, Management or Business Administration?

There is not much that you can tell from the degree title. It's largely about status.

The older universities tend to have Commerce degrees; the newer ones Business degrees.

But when an institution offers both Commerce and Business degrees, they may overlap so much that the supposed distinction is a marketing contrivance more than anything else, with the Business degree more likely to have a lower Selection Rank.

Management and Business Administration degrees are usually broader and less likely to specialise.

communication

There are no prerequisites for communications degrees. You don't have to worry about it, except for a few courses that use a range of criteria for selection such as a folio, supplementary information or interview.

The only thing to think about is whether you integrate any other specialisation within a communications degree or combine another degree with your communications degree.

Communications is often studied as one specialisation within a broader degree, like arts or business.

In addition, the majority of specialist communications degrees give you the flexibility to specialise in areas beyond communication.

An additional, relevant speciality could increase your chances of actually working in communications. For instance, your chances of working in business communications would be greatly increased by a specialisation in marketing, economics or accounting; a specialisation in environmental studies, IT or social work might open up all sorts of additional opportunities. So it could be worthwhile to be aware of the prerequisites for those sorts of courses, even if you don't have to worry about prerequisites for communications degrees themselves.

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- single degrees only (except law and teaching)

no assumed, other than english

Australian Catholic University

Melbourne

B Arts (58.50)
 B Arts/B Laws (76.20)
 B Creative Arts (61.35)

Deakin University

Geelong

B Arts (60.10)
 B Communication (Journalism) (64.75)
 B Communication (Public Relations) (<5)
 B Creative Writing (64.05)

Melbourne

B Arts (60.05)
 B Arts/B Law (91.75)
 B Business (63.10)
 B Communication (Advertising) (60.00)
 B Communication (Journalism) (62.80)
 B Communication (Public Relations) (60.20)
 B Creative Writing (60.50)
 B Design (3D Animation) (63.90)
 B Film TV and Animation (60.35)

Waterfront

B Arts/B Law (86.95)
 B Business (60.15)

Federation University

Berwick

B Arts (45.65)

La Trobe University

Bendigo

B Creative Arts (55.75)

Melbourne

B Arts (60.20)
 B Laws/B Arts (90.00)
 B Laws/B Media and Communication (<5)
 B Media & Communication (60.10)

Monash University

Caulfield

B Arts (75.05)
 B Media Communication (77.25)

Clayton

B Arts (80.05)
 B Arts/B Laws (97.00)

RMIT University

City

B Arts (Creative Writing) (n.a.)
 B Fine Art (n.a.)
 B Communication (Advertising) (n.a.)
 B Communication (Journalism) (70.05)
 B Communication (Media) (70.05)
 B Communication (Prof Communication) (72.50)
 B Communication (Public Relations) (75.05)

Swinburne University

Hawthorn

B Animation (60.10)
 B Arts (55.35)
 B Arts/B Laws (82.10)
 B Film and Television (82.30)
 B Law/B Media and Communication (80.65)
 B Media & Communications (55.20)
 B Screen Production (60.20)

University of Melbourne

B Arts (85.00)
 B Arts/Juris Doctor (99.80)

Southbank

B Fine Arts (Animation) (n.a.)
 B Fine Arts (Film and Television) (n.a.)
 B Fine Arts (Screenwriting) (n.a.)

Victoria University

Footscray

B Arts (n.a.)
 B Screen Media (n.a.)

design and visual arts

Design and visual arts are now less on the sidelines and far more integrated into mainstream, IT-enabled activities of people and businesses.

Design and visual arts are now an integral part of our digital existence, whether for entertainment, communication or work. They have a relevance they have never had before.

Not only are there so many courses that formally integrate information and technology with design – such as a Bachelor of Design (Games) – but the visual arts themselves are breaking beyond their traditional forms and boundaries via the enabling power of IT and multimedia.

no prerequisites

Perhaps this is why there are virtually no prerequisites for entry to design and visual arts courses. Only a handful of design and visual arts courses formally require a background in the visual arts at the VCE.

Nevertheless, while most courses have no prerequisites for entry, it's not quite what it seems at Federation University, Deakin, La Trobe Bendigo, Monash Caulfield, RMIT or University of Melbourne Southbank where you are likely to find multiple selection criteria for entry, not just an ATAR.

For instance, for the RMIT Bachelor of Design (Animation and Interactive Media) or (Communication Design), short-listed applicants need to submit an Animation and Interactive Media or Media Communication Design selection task. So where you see that selection is based on multiple criteria, whilst it doesn't necessarily mean a VCE sequence, but it might as well.

no assumed, other than english

Australian Catholic University

Melbourne

B Arts (58.50)

B Creative Arts (61.35)

B Visual Arts and Design (59.55)

Deakin University

Geelong

B Communication (Digital Media) (63.60)

B Information Technology (62.00)

Melbourne

B Arts (60.05)

B Arts/B Laws (91.75)

B Communication (Digital Media) (60.00)

B Creative Arts (Visual Arts) (60.15)

B Design (3D Animation) (63.90)

B Design (Digital Technologies) (62.10)

B Design (Visual Communication) (60.20)

B Information Technology (60.45)

Waterfront

B Design (Visual Communication) (60.00)

Federation University

Camp Street

B Visual Arts (n.a.)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- **<5** less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

La Trobe University

Bendigo

B Creative Arts (55.75)

Melbourne

B Media & Communication (60.10)

Monash University

Caulfield

B Arts/B Fine Art (n.a.)

B Design/B Media Communication (78.20)

B Design (70.15)

B Fine Art (n.a.)

B Media Communication (77.25)

RMIT University

Brunswick

B Textiles (Design) (n.a.)

B Fashion (Design) (n.a.)

B Fashion (Enterprise) (67.50)

B Fashion and Textiles (Sustainable Innov.) (67.65)

City

B Fine Art (n.a.)

B Arts (Photography) (n.a.)

B Communication (Media) (70.05)

B Design (Animation and Interactive) (n.a.)

B Design (Communication Design) (n.a.)

B Design (Digital Media) (70.80)

B Design (Games) (n.a.)

B Industrial Design (n.a.)

B Interior Design (n.a.)

Swinburne University

Hawthorn

B Animation (60.10)

B Arts (55.35)

B Games & Interactivity (57.75)

B Media & Communications (55.20)

B Screen Production (60.20)

University of Melbourne

B Design (88.00)¹.

B Design/Juris Doctor (<5)

Southbank

B Fine Arts (Animation) (n.a.)

B Fine Arts (Visual Art) (n.a.)

Victoria University

Footscray

B Arts (n.a.)

+ some maths

Monash University

Clayton

B Information Technology (80.05)

“There is quite a debate about it, but I would argue that the visual skills and discipline of drawing and painting are the foundation of your capabilities in the new (digital) media.”

Charles Cooper,
Lecturer, National Art School

+ art (cp), art (m & e), cdm (vet), product design & technology, media, or visual communication design

Swinburne University

Hawthorn

B Design (62.00)

B Design (Communication Design) (86.05)

B Design (Industrial Design) (69.00)

B Design (Interior Architecture) (67.65)

+ mathematical methods

RMIT University

City

B Computer Science (75.05)

+ general mathematics or maths methods

RMIT University

City

B Information Technology (65.10)

1. B Design. Applicants intending to major in Civil Systems, Computing, Construction, Mechanical Systems, Property or Spatial Systems may be required to undertake a bridging subject in mathematics as breadth in first year. This is equivalent to Units 3 and 4 Mathematical Methods, and entry requires a mathematics background equivalent to Units 1 and 2 Mathematical Methods.

education

Students wishing to enrol in an undergraduate teaching course in Victoria will be required to have a minimum ATAR of 70.

In addition to the minimum (adjusted) ATAR requirement, the Victorian Framework for Selection into Initial Teacher Education requires that all admissions into initial teacher education courses include a non-academic selection component that measures an applicant's personal attributes. In most cases it is the CASPer – an online screening test designed to assess personal and professional qualities. See takealtus.com if you would like more information.

There is a charge of \$80.00 (in 2021) to take the CASPer. All Victorian universities except the University of Melbourne are listed as using CASPer, although for ACU an ACU Teacher Selector Statement is offered as a cost free alternative.

no assumed, other than english

Australian Catholic University
Melbourne
B Early Childhood Education (61.35)

Deakin University
Melbourne
B Arts/M Teaching (Secondary) (61.90)
B Science/M Teaching (Secondary) (66.60)

La Trobe University
Bendigo
B Outdoor & Sustainability Education (57.85)
Melbourne
B Arts/M Teaching (Primary) (72.50)
B Arts/M Teaching (Secondary) (62.00)

Swinburne University
Hawthorn
B Education & Early Childhood (63.10)

University of Melbourne
B Arts/M Teaching (95.00)
B Design/M Teaching (<5)

Victoria University
B Early Childhood Education (n.a.)
B Outdoor Educ. & Environmental Sci (n.a.)
B Education Studies (n.a.)

mathematics any

La Trobe University
Bendigo
B Science/M Teaching (Primary) (<5)
B Science/M Teaching (Secondary) (<5)
Melbourne
B Science/M Teaching (Primary) (<5)
B Science/M Teaching (Secondary) (88.20)

Monash University
Clayton
B Education Primary/B Business (<5)
B Education Secondary/B Business (n.a.)

Swinburne University
Hawthorn
B Education (Early Childhood & Primary) (n.a.)
B Education (Primary) (n.a.)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- <5 less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

+ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne

B Science/M Teaching (95.05)

+ some maths

Australian Catholic University

Ballarat

B Education (Early Child & Primary) (<5)

B Education (Primary) (n.a.)

Melbourne

B Education (Early Childhood & Primary) (n.a.)

B Education (Primary) (n.a.)

B Education (Sec)/B Arts (Humanities) (n.a.)

B Education (Sec)/B Arts (Mathematics) (n.a.)

B Education (Sec)/B Arts (Visual Arts) (<5)

B Education (Sec)/B Exercise Science (n.a.)

Deakin University

Geelong

B Education (Primary) (n.a.)

B Health and Physical Education (n.a.)

Melbourne

B Early Childhood Education (63.70)

B Education (Primary) (n.a.)

B Health and Physical Education (n.a.)

Warrnambool

B Education (Primary) (n.a.)

Federation University

Berwick

B Education (Early Childhood & Primary) (<5)

B Sport, Physical & Outdoor Education (42.15)

Gippsland

B Education (Early Childhood & Primary) (<5)

Mt Helen

B Education (Early Childhood & Primary) (<5)

B Health & Physical Education (78.20)

La Trobe University

Bendigo

B Early Childhood and Primary (71.60)

B Education (Primary) (72.60)

B Education (Secondary) (76.05)

Melbourne

B Education (Primary) (70.15)

B Education (Secondary) (70.00)

Monash University

Clayton

B Education (Secondary)/B Arts (n.a.)

B Education (Primary)/B Arts (n.a.)

B Education (Primary & Secondary) (n.a.)

B Education (Secondary)/B Fine Art (<5)

It's fine to do so, especially for physical and health education, but you don't have to worry about choosing teaching at the very start.

The majority of students in teacher education programs enter after completing another degree.

Peninsula

B Education (Primary) (n.a.)

B Education (Prim & Sec Health & PE) (n.a.)

B Education (Sec Health & Physical Ed) (n.a.)

RMIT University

Bundoora

B Education (Prim and Early Childhood) (n.a.)

B Education (Primary and Physical/Sport) (n.a.)

B Education (Primary) (n.a.)

B Health, PE & Sport (Secondary) (n.a.)

Victoria University

B Education (P-12) Art (<5)

B Education (P-12) Phys Education (74.30)

B Education (P12) (70.30)

+ some maths and one of biology, chemistry, environmental science, geography, math methods, physics or psychology

Monash University

Clayton

B Education (Primary)/B Science (<5)

B Education (Secondary)/B Science (n.a.)

engineering

There are serious prerequisites for engineering. If you don't have Mathematical Methods, then engineering may not be for you.

Only accounting rivals engineering as a flexible, open ended qualification that can take you anywhere.

It is not just that there are so many specialised branches of engineering – whether aerospace, chemical, computer engineering, biomedical, mechanical and mechatronic, electronic and communications, maritime or civil and environmental. It is as much that engineering qualifications have a recognition and credibility that can take you beyond a narrow, specialist role (and beyond engineering) if you wish – to broader business, management consulting and policy roles in this country and throughout the world.

1. B Design. Applicants intending to major in Civil Systems, Computing, Construction, Mechanical Systems, Property or Spatial Systems may be required to undertake a bridging subject in mathematics as breadth in first year. This is equivalent to Units 3 and 4 Mathematical Methods, and entry requires a mathematics background equivalent to Units 1 and 2 Mathematical Methods.

no assumed, other than english

University of Melbourne

B Design (88.00)¹.
B Design/Juris Doctor (<5)

+ chemistry and mathematical methods

RMIT University

City
B Engineering (Chemical) (81.75)

+ mathematical methods

Deakin University

Geelong
B Civil Engineering (68.75)
B Electrical & Electronics Engineering (75.40)
B Environmental Engineering (<5)
B Mechanical Engineering (68.95)
B Mechatronics Engineering (65.00)

Melbourne

B Civil Engineering (69.20)
B Electrical & Electronics Engineering (69.50)
B Mechanical Engineering (69.70)
B Mechatronics Engineering (<5)
B Software Engineering (69.20)

Federation University

Gippsland

B Engineering (Civil) (<5)

Mt Helen

B Civil Engineering (<5)
B Engineering (Electrical & Information) (<5)
B Engineering (Mechanical) (<5)
B Engineering (Mining) (69.25)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
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- single degrees only (except law and teaching)

La Trobe University

Bendigo

B Engineering (Civil) (79.05)
B Engineering (Industrial) (69.65)

Melbourne

B Engineering (Civil) (65.25)
B Engineering (Industrial) (75.70)

RMIT University

City

B App Science (Surveying) (69.60)
B Engineering (Electronic & Computer Systems) (78.00)
B Engineering (Electrical) (78.65)
B Software Engineering (80.35)

City/Bundoora

B Engineering (Automotive) (78.00)
B Engineering (Manufacturing & Mechatronics) (78.55)
B Engineering (Aerospace) (78.60)
B Engineering (Civil & Infrastructure) (78.10)
B Engineering (Environmental) (78.25)
B Engineering (Mechanical) (78.20)
B Engineering (Sustainable Systems) (<5)

Swinburne University

Hawthorn

B Aviation (n.a.)
B Engineering (70.00)
B Law/B Engineering (<5)

+ mathematical methods and chemistry or physics

Monash University

Clayton

B Biomedical Engineering (87.25)
B Engineering (86.00)
B Engineering/B Laws (97.30)

“Mathematics underpins everything in engineering.

But, in the end, it’s maths plus your communication skills, so you should look for balance in your VCE. English, particularly, is just as strategically important.”

Professor Kris Ryan
Monash University

+ general mathematics or maths methods

RMIT University

City

B Applied Science (Aviation) (71.50)
B Engineering (73.00)
B Science (Geospatial) (67.25)

City/Bundoora

B Engineering (Biomedical) (79.60)

City/Point Cook

B Applied Science (Aviation) pilot training (70.80)

Victoria University

Footscray

B Engineering (Architectural) (n.a.)
B Engineering (Civil) (n.a.)
B Engineering (Electrical & Electronic) (n.a.)
B Engineering (Mechanical) (n.a.)

+ mathematics any

Swinburne University

Hawthorn

B Aviation (Management) (<5)

health

The prerequisites for health courses are all over the place.

However, it looks as if you would be pretty safe for most health courses if you had units 3 and 4 of Chemistry and Mathematics (any).

Virtually everything would be open to you if you had those studies.

The main exceptions are that you should have Mathematical Methods for Monash pharmacy and most radiography/medical imaging courses.

But have a look at the detail listed here and you might find the particular courses you are interested in have no prerequisites at all, or just Biology, Psychology or the like.

■ no assumed, other than english

Australian Catholic University

Ballarat

B Nursing (70.20)
B Nursing/B Paramedicine (91.25)

Melbourne

B Applied Public Health (59.30)
B Midwifery (95.10)
B Nursing (87.00)
B Nutrition Science (60.75)
B Paramedicine (95.05)

Deakin University

Geelong

B Health Sciences (55.40)
B Public Health & Health Prom (59.75)
B Vision Science/M Optometry (89.15)
B Vision Science/M Optometry (Regional) (95.55)

Melbourne

B Health Sciences (60.30)
B Nursing (72.00)
B Nursing/B Midwifery (92.10)
B Nutrition Science (63.90)
B Nutrition Science (Dietetics Pathway) (90.45)
B Public Health & Health Prom (62.20)

Warrnambool

B Health Sciences (<5)
B Nursing (50.95)
B Nursing/B Midwifery (75.55)

Waterfront

B Nursing (65.50)
B Nursing/B Midwifery (86.70)
B Occupational Therapy (78.25)

Swinburne University

Hawthorn

B Health Sc/M Dietetics (59.40)
B Health Science (57.90)
B Nursing (65.85)

La Trobe University

Albury W

B Biomedical Science (Medical) regional pathway (n.a.)
B Nursing (65.70)

Bendigo

B Biomedical Science (Medical) regional pathway (n.a.)
B Nursing (55.70)
B Health Sciences (55.45)
B Nursing/B Midwifery (84.05)
B Occupational Therapy (75.45)

Melbourne

B Biomedicine/M Clinical Audiology (67.30)
B Health Sciences (55.10)
B Nursing (71.10)
B Nursing/B Midwifery (85.95)
B Nutrition Science (61.20)
B Nutrition/M Dietetic Practice (91.15)
B Occupational Therapy (83.55)
B Psych Science/M Clinical Audiology (74.60)

Mildura Shepparton

B Nursing (64.00)

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- single degrees only (except law and teaching)

Monash University

Caulfield

B Health Sciences (73.30)

Peninsula

B Occupational Therapy (85.15)

RMIT University

Bundoora

B Health Sc/B App Sc (Chinese Med) (75.20)

B Health Sc/B App Sc (Chiropractic) (62.20)

B Health Sc/B App Sc (Osteopathy) (60.15)

Victoria University

Footscray

B Exercise Science (Clinical Practice) (n.a.)

St Albans

B Health Science (n.a.)

B Paramedicine (86.60)

+ biology, chemistry or physics

Australian Catholic University

Ballarat

B Physiotherapy (94.05)

Melbourne

B Occupational Therapy (88.00)

B Speech Pathology (91.05)

+ biology and chemistry

La Trobe University

Bendigo

B Dental Science (99.55)

B Dental Science (regional entry) (99.00)

+ biology or chemistry

Monash University

Clayton

B Nutrition Science (75.10)

B Nutrition Science (Scholars) (92.45)

University of Melbourne

B Oral Health (85.50)

La Trobe University

Bendigo

B Oral Health Science (93.90)

+ biology, chemistry or maths (any)

La Trobe University

Melbourne

B Veterinary Nursing (n.a.)

Preparing for dentistry as a possibility

Year 12 students are able to apply for undergraduate entry to dentistry via a B Dental Science program at La Trobe, as well as to 8 other Australian universities which offer undergraduate dentistry degrees or assured pathways to dentistry.

- Biology and Chemistry are prerequisites for La Trobe.
- 3 universities have no subject prerequisites at all (but recommend Biology, Chemistry, Maths Methods and/or Physics).
- two require Math Methods (including James Cook which requires Maths and Chemistry)
- 3 require Chemistry (including James Cook which requires Maths Methods and Chemistry)
- Adelaide requires Chemistry, Maths Methods or Physics AND one of either Biology, Chemistry, Geology or Physics; Griffith requires one of Biology, Chemistry, Physics or Maths Methods.
- The University of Melbourne offers guaranteed entry to the Doctor of Dental Surgery via B Science or B Biomedicine for students with an ATAR of 99.85 who complete the undergraduate course at the University with a weighted average of 80%.
- The UCAT (University Clinical Aptitude Test) is required for Adelaide, CSU, Griffith, UQ and UWA.

health continued

+ biology, chemistry, maths (any) or physics

Victoria University **City**
B Science (Osteopathy) (62.95)

+ biology, chemistry, maths (any), physical education or physics

La Trobe University
Bendigo
B Speech Pathology (72.15)
Melbourne
B Speech Pathology (89.50)
B Health Information Management (68.70)

+ biology, chemistry or physical education

La Trobe University **Bendigo**
B Oral Health Science (regional entry) (74.20)

+ chemistry

Monash University **Clayton**
B Medical Science/D Medicine (n.a.)

+ chemistry and mathematical methods

Monash University **Parkville**
B Pharmacy (88.20)
B Pharmacy/M Pharmacy (88.10)
University of Melbourne
B Biomedicine/D Dental Surgery (99.85)
B Biomedicine/D Optometry (99.00)
B Biomedicine/D Physiotherapy (98.10)

+ chemistry and maths (any)

La Trobe University **Bendigo**
B Pharmacy (85.10)
RMIT University **Bundoora**
B Pharmacy (75.75)

+ mathematical methods and biology or physics

Monash University **Clayton**
B Radiography & Medical Imaging (98.00)

+ mathematical methods and units 1 and 2 of biology or chemistry

RMIT University **Bundoora**
B App Sc (Medical Radiations) Nuclear Medicine (80.65)
B App Sc (Medical Radiation) Radiography (90.30)
B App Sc (Medical Radiation) Therapy (77.55)

+ mathematics any

La Trobe University
Melbourne
B Science/M Clinical Audiology (<5)

Monash University
Caulfield
B Public Health (85.80)
Peninsula
B Paramedicine (87.95)

+ maths (any) and biology, chemistry or physics

Deakin University
Geelong
B Medical Imaging (91.40)
B Medical Imaging (Regional/Remote) (86.10)

+ mathematical methods

Monash University
Clayton
B Radiation Sciences (82.35)
B Radiation Sciences (Informatics) (<5)

+ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne
B Science/D Dental Surgery (<5)
B Science/D Optometry (99.00)
B Science/D Physiotherapy (98.00)
B Science/D Veterinary Medicine (98.55)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- <5 less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

+ some maths

Federation University

Berwick Gippsland Mt Helen
 B Nursing (50.80, 58.35, 34.45)
 B Nursing/B Midwifery (71.55)

Monash University

Clayton
 B Nursing (77.15)
Peninsula
 B Nursing (72.20)
 B Nursing/B Midwifery (91.00)

RMIT University

Bundoora
 B Nursing (65.10)

+ some maths and one of biology, chemistry, health & human development or psychology

Victoria University

St Albans
 B Midwifery/B Nursing (81.40)
 B Nursing (n.a.)

+ some maths or one of biology, chemistry, math methods or physical education

Federation University Gippsland

B Occupational Therapy (60.35) ²

Victoria University Footscray

B Human Nutrition (n.a.)

+ two of biology, chemistry, maths (any), physical education or physics

La Trobe University

Bendigo
 B Physiotherapy (97.50)
 B Exercise Science (63.00)
 B Paramedic Practice (77.95) ¹
Melbourne
 B Physiotherapy (96.35)
 B Orthotics (78.90)
 B Podiatry (71.80)
 B Prosthetics & Orthotics (76.65)

+ two of biology, chemistry, maths methods, specialist maths or physics

Monash University

Peninsula
 B Physiotherapy (96.95)

Preparing for medicine as a possibility

Year 12 students are able to apply for undergraduate entry to medicine via a B Medical Science/D Medicine program at Monash, as well as to 20 other Australian universities which offer medical degrees or assured pathways to medical degrees via a first degree and subsequent medical degree.

- Chemistry is a prerequisite for the Monash program.
- 11 universities have no subject prerequisites at all.
- 3 require Math Methods or equivalent (including James Cook which requires Maths and Chemistry)
- 4 require Chemistry (including James Cook which requires Maths and Chemistry)
- Bond requires one of Chemistry, Math Methods or Physics, and Adelaide Math Methods, Biology or Chemistry.

All universities, with the exception of James Cook and Bond, require the UCAT (University Clinical Aptitude Test), and most require interviews as part of the selection process.

1. or Health & Human Development or Psychology
2. or Physics

humanities

With very few exceptions, humanities and social sciences courses do not have prerequisites (other than English). Virtually everything is open, regardless of which VCE studies you choose.

Of course, you might find that within particular degrees certain specialisations may require prior VCE study. For instance, if you wanted to major in Economics within the University of Melbourne Bachelor of Arts you would need Mathematical Methods even though there are no prerequisites for entry to the Bachelor of Arts, but this is not typical for humanities degrees.

■ no assumed, other than english

Australian Catholic University

Melbourne

B Arts (58.50)
B Arts/B Laws (76.20)
B International Development Studies (58.55)
B Laws/B Global Studies (77.00)
B Psychology (85.10)
B Theology (<5)
B Youth Work (60.40)

Deakin University

Geelong

B Arts (60.10)
B Arts (Psychology) (63.35)
B Health Sciences (55.40)
B Psychology (82.45)

Melbourne

B Arts (60.05)
B Arts (Psychology) (60.85)
B Arts/B Law (91.75)
B Health Sciences (60.30)
B International Studies (61.30)
B Laws/B International Relations (91.35)
B Psychology (80.05)

Warrnambool

B Health Sciences (<5)

Waterfront

B Arts/B Law (86.95)
B International Studies (61.15)
B Laws/B International Relations (86.35)
B Social Work (73.10)

Federation University

Berwick

B Arts (45.65)
B Community & Human Services (49.25)

Gippsland

B Arts (44.05)
B Community & Human Services (<5)

Mt Helen

B Arts (43.75)
B Community & Human Services (<5)

La Trobe University

Bendigo

B Laws/B Arts (<5)
B Psychology (81.90)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- **<5** less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

Melbourne

B Archaeology (71.50)
 B Arts (60.20)
 B Arts/B Commerce (80.95)
 B Global Studies (66.10)
 B Languages and Linguistics (72.60)
 B Laws/B Arts (90.00)
 B Laws/B Politics (90.45)
 B Politics, Philosophy & Economics (66.70)
 B Psychology (82.75)

Monash University

Caulfield

B Art History and Curating (71.85)
 B Arts (75.05)

Clayton

B Arts (80.05)
 B Arts/B Laws (97.00)
 B Global Studies (81.75)
 B Laws/B Global Studies (97.05)
 B Psychology (89.50)

RMIT University

City

B Criminology & Psychology (70.10)
 B International Studies (72.05)
 B International Studies (Development) (75.10)
 B International Studies (Languages) (72.55)
 B Social Science (Psychology) (71.05)
 B Social Work (70.85)
 B Youth Work and Youth Studies (62.90)

Swinburne University

Hawthorn

B Arts (55.35)
 B Arts/B Laws (82.10)
 B Psychology (80.15)

University of Melbourne

B Arts (85.00)
 B Arts/Juris Doctor (99.80)

Victoria University

Footscray

B Arts (n.a.)
 B Community Development (n.a.)
 B Criminal Justice and Psychological Studies (n.a.)
 B Psychology (82.10)
 B Youth Work (n.a.)
 B Social Work (n.a.)

What if all we had was just the values of the corporate world?

Do you sometimes wonder what this country would be like without the ABC? And, more broadly, sterile and shallow without the humanities - with the status quo enshrined and the thought police lurking.

And your life? How narrow do you want it to be?

+ economics, history, legal studies, australian politics, global politics or psychology

Victoria University

City/Footscray

B Laws/B Arts (80.55)
 B Laws/B Psychology (<5)

+ some maths and one of geography, maths (any) or science (any)

RMIT University

Bundoora

B Applied Science (Psychology) (65.15)

information technology

The only issue with entry to information technology courses is the level of VCE mathematics that you undertake.

At its core, information technology is about the processing of data in a mathematical/logical form. Its roots are in electronics and mathematics. It follows that you will be doing mathematics for the VCE at its highest levels if you wish to work at the core levels of IT.

However, IT is now a very broad term to encompass not just its electronic and mathematical foundations, but information systems analysis, software development and applications. As a result, the level of mathematics required reflects the extent to which courses focus on the technical aspects of the electronic processing of data (such as computer engineering and computer science). The more you move away from this – for instance in information systems design – the less you have to worry about mathematics.

For instance, in software development, IT draws on other skills such as: graphic design or animation in games development; electrical engineering or digital media in mobile communications or multimedia; or accounting, finance and management in business systems development.

no assumed, other than english

Deakin University

Geelong

B Cyber Security (<5)
B Criminology/B Cyber Security (68.20)
B Information Technology (62.00)

Melbourne

B Business Analytics (70.00)
B Computer Science (63.90)
B Cyber Security (64.65)
B Criminology/B Cyber Security (67.10)
B Information Technology (60.45)
B Laws/B Cyber Security (<5)

Waterfront

B Laws/B Cyber Security (<5)

Federation University

Berwick

B Information Technology (<5)

Gippsland

B Information Technology (<5)

Mt Helen

B Information Technology (<5)

La Trobe University

Bendigo

B Information Technology (57.85)

Melbourne

B Business Analytics (68.80)
B Cybersecurity (60.25)
B Information Technology (55.25)

RMIT University

City

B Business (Info Systems) (64.65)
B Design (Games) (n.a.)
B Laws/B Business (Information Systems) (<5)

- **n.a.** multiple selection criteria other than just ATAR, or else no offers made.
- <5 less than 5 offers made.
- **2022** Selection Rank is listed for each course. (Selection Rank is ATAR plus adjustments for access and equity, and course specific VCE subject adjustments by universities.)
- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

Swinburne University

Hawthorn

B Business (55.25)
 B Business Information Systems (61.40)
 B Info & Comm Technology (55.40)
 B Laws/B Business (80.35)

University of Melbourne

B Design (88.00) ¹.

Victoria University

Footscray

B Business (n.a.)
 B Business (Info Systems Management) (n.a.)

+ biology, chemistry, environmental science, geography, mathematical methods, physics or psychology

Monash University

Clayton

B Science (85.05)
 B Science - Law pathway (<5)
 B Science/B Laws (97.00)

+ mathematical methods

Deakin University

Melbourne

B Artificial Intelligence (<5)

Federation University

Mt Helen

B Info Technology (Software Development) (<5)

Monash University

Clayton

B Applied Data Science (85.25)
 B Commerce (86.50)
 B Commerce (Law Pathway) (<5)
 B Commerce/B Laws (97.00)
 B Computer Science (84.15)
 B Laws/B Computer Science (97.10)
 B Radiation Sciences (Informatics) (<5)

RMIT University

City

B Computer Science (75.05)

+ general mathematics or maths methods

RMIT University

City

B Data Science (70.85)
 B Information Technology (65.10)

Victoria University

Footscray

B Information Technology (n.a.)

+ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne

B Science (85.00)
 B Science/Juris Doctor (99.80)

+ some maths

Federation University

Mt Helen

B Info Technology (Networking & Security) (<5)
 B Info Technology (Prof Practice) (62.05)

Monash University

Clayton

B Information Technology (80.05)
 B Laws/B Information Technology (<5)

Swinburne University

Hawthorn

B Computer Science (58.50)
 B Law/B Computer Science (<5)

1. B Design. Applicants intending to major in Civil Systems, Computing, Construction, Mechanical Systems, Property or Spatial Systems may be required to undertake a bridging subject in mathematics as breadth in first year. This is equivalent to Units 3 and 4 Mathematical Methods, and entry requires a mathematics background equivalent to Units 1 and 2 Mathematical Methods.

law

There are no prerequisites for entry to law degrees. However, law is generally studied as part of a double degree sequence, and therefore the prerequisites for the other degree in the combination become relevant – for instance in a science/law or commerce/law combination.

It generally comes down to the level of mathematics required and whether or not you do chemistry. It is particularly relevant at Monash Clayton (B Biomedical Sc/B Laws, B Engineering/B Laws, B Commerce/ B Laws) as well as for the University of Melbourne law pathways.

no assumed, other than english

Australian Catholic University Melbourne

B Arts/B Laws (76.20)
B Business Administration/B Laws (75.30)
B Commerce/B Laws (76.65)
B Laws (75.00)
B Laws/B Global Studies (77.00)
B Psychological Science/Bachelor of Laws (78.90)

RMIT University City

B Legal & Dispute Studies (71.80)

Deakin University Melbourne

B Arts/B Law (91.75)
B Commerce/B Laws (91.00)
B Criminology/Laws (91.30)
B International Relations/B Law (91.35)
B Laws (90.35)
B Laws/B Cyber Security (<5)
B Laws/B Science (95.45)
B Property & Real Estate/B Laws (<5)

Waterfront

B Arts/B Law (86.95)
B Commerce/B Laws (85.05)
B Criminology/B Laws (85.35)
B International Relations/B Law (86.35)
B Laws (84.25)
B Laws/B Cyber Security (<5)

La Trobe University Melbourne

B Laws/B Criminology (90.60)
B Laws (90.10)
B Laws/B Arts (90.00)
B Laws/B Biomedicine (93.95)
B Laws/B Global Studies (90.65)
B Laws/B Media and Communication (<5)
B Laws/B Politics (90.45)
B Laws/B Psychological Science (90.05)

Monash University Clayton

B Arts - Law pathway (90.55)
B Arts/B Laws (97.00)
B Laws (97.10)
B Laws/B Criminology (97.00)
B Laws/B Global Studies (97.05)
B Criminology & Policing (<5)

Swinburne University Hawthorn

B Arts/B Laws (82.10)
B Law/B Media and Communication (80.65)
B Laws (80.40)
B Laws/B Business (80.35)
B Laws/B Business Information Systems (<5)
B Laws/B Criminal Justice and Criminology (80.40)

University of Melbourne

B Arts/Juris Doctor (99.80)
B Design/Juris Doctor (<5)

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- **Some maths:** at least General Maths units 1 and 2 (Foundation Mathematics to be confirmed).
- single degrees only (except law and teaching)

+ biology, chemistry, environmental science, geography, mathematical methods, physics or psychology

Monash University

Clayton

B Science - Law pathway (<5)

B Science/B Laws (97.00)

+ chemistry and math methods or physics

Monash University

Clayton

B Biomedical Sc/B Laws (97.25)

+ chemistry and mathematical methods

University of Melbourne

B Biomedicine/Juris Doctor (<5)

+ economics, history, legal studies, australian politics, global politics or psychology

Victoria University

City

B Law/B Criminology (80.45)

B Laws (80.25)

City/Footscray

B Laws/B Arts (80.55)

B Laws/B Business (80.45)

B Laws/B Psychological Studies (<5)

B Laws/B Psychology (<5)

+ mathematical methods

Monash University

Clayton

B Commerce (Law Pathway) (<5)

B Commerce/B Laws (97.00)

B Laws/B Computer Science (97.10)

Swinburne University

Hawthorn

B Law/B Engineering (<5)

University of Melbourne

B Commerce/Juris Doctor (99.80)

+ mathematical methods and chemistry or physics

Monash University

Clayton

B Engineering/B Laws (97.30)

“I ask my students to first choose a mathematics that they are likely to do well in, then to rank each study in our handbook with a yes, a no or maybe. Revisit the ‘yes’ studies and ask:

(1) Am I capable of reasonable grades with this subject?

(2) Will it hold my interest for the entire year?

(3) Will it keep my options open for future courses or jobs?

If you answer positively to all three, then you are on track to make great choices for your VCE.”

Angie Greaves,
Careers and Pathways Coordinator
St Bede’s College

+ mathematics any

Australian Catholic University

Melbourne

B Biomedical Science/B Laws (76.25)

La Trobe University Melbourne

B Laws/B Science (94.60)

Swinburne University Hawthorn

B Science/B Laws (<5)

B Laws/B Computer Science (<5)

University of Melbourne

B Agriculture/Juris Doctor (<5)

+ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne

B Science/Juris Doctor (99.80)

+ some maths

Swinburne University Hawthorn

B Law/B Computer Science (<5)

performing arts

There are no formal prerequisites for performing arts courses. However, in almost all cases, the specialist, professional programs will base selection on a range of criteria, including an audition – and presumably this means you should take appropriate VCE studies.

In addition to specialist performing arts degrees, performing arts (drama particularly) may be taken as a specialisation within arts degrees. Entry to these programs generally does not require auditions or prior study in a related area.

■ **no assumed, other than english**

Australian Catholic University

Melbourne

B Arts (58.50)

B Arts/B Laws (76.20)

B Creative Arts (61.35)

Deakin University

Melbourne

B Arts (60.05)

B Arts/B Law (91.75)

B Creative Arts (Drama) (60.50)

Federation University

Camp Street

B Performance Arts (n.a.)

La Trobe University

Bendigo

B Creative Arts (55.75)

Melbourne

B Arts (60.20)

B Arts/B Commerce (80.95)

B Laws/B Arts (90.00)

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- single degrees only (except law and teaching)

Monash University

Caulfield

B Arts (75.05)

Clayton

B Arts (80.05)

B Arts/B Laws (97.00)

B Arts/B Music (n.a.)

B Music (n.a.)

B Music/B Laws (<5)

RMIT University

City

B Arts (Music Industry) (71.30)

Swinburne University

Hawthorn

B Arts (55.35)

B Arts (Professional) (72.20)

B Arts/B Business (60.50)

B Arts/B Laws (82.10)

B Law/B Media and Communication (80.65)

B Media & Communications (55.20)

University of Melbourne

B Arts (85.00)

B Arts/Juris Doctor (99.80)

B Music (n.a.)

Southbank

B Fine Arts (Acting) (n.a.)

B Fine Arts (Dance) (n.a.)

B Fine Arts (Production) (n.a.)

B Fine Arts (Music Theatre) (n.a.)

B Fine Arts (Theatre) (n.a.)

Victoria University

Footscray

B Music (n.a.)

+ some maths

Monash University

Clayton

B Education (Primary)/B Music (<5)

B Education (Secondary)/B Music (n.a.)

Victoria University

Footscray

B Education (Prep - Year 12) (70.30)

science

If you look at the prerequisites for the range of science degrees on offer, it is clear that mathematics is the critical ingredient, followed by the relevance of chemistry across so many courses. Your prospects in science, and the options available to you within science degrees, could be compromised without both.

■ no assumed, other than english

Deakin University

Geelong

B Biomedical Science (72.50)

B Forensic Science (60.55)

B Science (61.35)

Melbourne

B Biomedical Science (80.50)

B Laws/B Science (95.45)

B Science (61.60)

La Trobe University

Albury W

B Biological Sciences (59.10)

B Biomed Sc (Medical) (81.60)

B Biomed Sc (Medical) regional pathway (n.a.)

Bendigo

B Biomed Sc (63.15)

B Biomed Sc (Medical) regional pathway (n.a.)

Melbourne

B Biological Sciences (55.65)

B Biomedicine (65.35)

B Laws/B Biomedicine (93.95)

B Science (Wildlife & Conservation Biology)
(75.00)

Swinburne University Hawthorn

B Health Science (57.90)

■+ biology, chemistry, environmental science, geography, mathematical methods, physics or psychology

Monash University

Clayton

B Science (85.05)

B Science - Law pathway (<5)

B Science/B Laws (97.00)

■+ biology, chemistry, health & human development, maths (any) or physical education

Victoria University

St Albans

B Biomedical Sciences (n.a.)

■+ two of biology, chemistry, maths (any) or physics

Victoria University

Footscray

B Biomedicine (79.60)

■+ chemistry and math methods or physics

Monash University

Clayton

B Biomedical Sc/B Laws (97.25)

B Biomedical Science (91.05)

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- single degrees only (except law and teaching)

+ chemistry and mathematical methods

Monash University

Parkville

B Pharmaceutical Science (84.05)

University of Melbourne

B Biomedicine (95.00)

B Biomedicine/Juris Doctor (<5)

+ chemistry and maths (any) or physics

RMIT University

Bundoora

B Biomedical Science (70.95)

B Pharmaceutical Sciences (70.05)

+ mathematical methods

RMIT University

City

B Science (Applied Chemistry) (71.70)

B Science (Applied Sciences) (70.85)

B Science (Biological Sciences) (71.25)

B Science (Physics) (66.70)

B Space Science (73.60)

+ mathematics any

Australian Catholic University

Melbourne

B Biomedical Science (65.15)

B Biomedical Science/B Laws (76.25)

La Trobe University

Bendigo

B Laws/B Science (<5)

B Science (64.70)

B Science/M Teaching (Primary) (<5)

B Science/M Teaching (Secondary) (<5)

Melbourne

B Laws/B Science (94.60)

B Science (65.85)

B Science/M Clinical Audiology (<5)

B Science/M Teaching (Primary) (<5)

B Science/M Teaching (Secondary) (88.20)

RMIT University

City/Bundoora

B Biotechnology (65.10)

B Science (Food Technology & Nutrition) (75.00)

Swinburne University

Hawthorn

B Science (61.20)

B Science/B Laws (<5)

Victoria University

Footscray

B Science (n.a.)

“Automation and globalisation will change what we do in every job. Workers in the emerging world will make far greater use of the foundational skills of mathematics and science knowledge as well as advanced technology skills.”

The New Work Smarts,
Foundation for Young Australians, 2017

+ maths (any) or physics, and biology or chemistry

RMIT University

Bundoora

B Biomedical Science (Lab Medicine) (72.50)

+ maths methods and biology, chemistry, specialist maths or physics

University of Melbourne

B Science (85.00)

B Science/Juris Doctor (99.80)

B Science/M Teaching (95.05)

+ science (any) or maths (any)

Federation University

Berwick Gippsland

B Biomedical Science (52.85)

B Science (53.60)

Mt Helen

B Biomedical Science (52.55)

B Geoscience (<5)

B Science (<5)

sport and recreation

The prerequisites for sport and recreation courses are not too demanding. There is a breadth of mathematics and/or science subjects which would meet the prerequisite requirements for sport and recreation courses.

■ no assumed, other than english

Australian Catholic University

Melbourne

B Exercise and Sports Science (58.80)

B High Performance Sport (59.15)

Deakin University

Geelong

B Exercise and Sport Science (Regional/
Remote) (62.25)

B Exercise and Sports Science (62.10)

Melbourne

B Exercise and Sport Science (70.00)

B Sport Development (65.45)

Federation University

Gippsland

B Outdoor & Environmental Education (<5)

Mt Helen

B Outdoor & Environmental Education (54.10)

La Trobe University

Bendigo

B Outdoor & Sustainability Education (57.85)

Melbourne

B Media & Communication (60.10)

Victoria University

Footscray

B Exercise Science (Clinical Practice) (n.a.)

B Exercise Science (Sport Practice) (63.75)

B Fitness (n.a.)

B Physical Education and Sport Science (n.a.)

B Sport Management (n.a.)

B Sport Science (n.a.)

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- single degrees only (except law and teaching)

+ mathematics any

Swinburne University

Hawthorn

B Exercise and Sport Science (56.35)

+ some maths

Federation University

Gippsland

B Sport, Physical and Outdoor Education
(44.65)

Mt Helen

B Exercise and Sport Science (40.30)

B Sport, Physical and Outdoor Education
(40.60)

Online

B International Sport Management (<5)

+ two of biology, chemistry, health & human development, maths (any), physical education

Victoria University

Footscray/St Albans

B Biomedical & Exercise Science (71.65)

+ two of biology, chemistry, health & human development, maths (any), physical education or physics

La Trobe University

Melbourne

B Sports Coaching & Development (57.00)

B Sports and Exercise Science (60.00)

+ two of biology, chemistry, maths (any), physical education or physics

La Trobe University

Bendigo

B Exercise Science (63.00)

Any PE, biology, chemistry or mathematics would be useful.

“The students who tend to struggle are the ones who have no mathematics background. The mathematics isn’t very rigorous, but it is what trips students up. Basic trigonometry and algebra from Further Mathematics is handy.”

Cameron Wilson,
Course Co-ordinator (Exercise Science),
Australian Catholic University

