



# A GUIDE TO ENTRY 2029

# DISCOVER YOUR OPTIONS AT MONASH

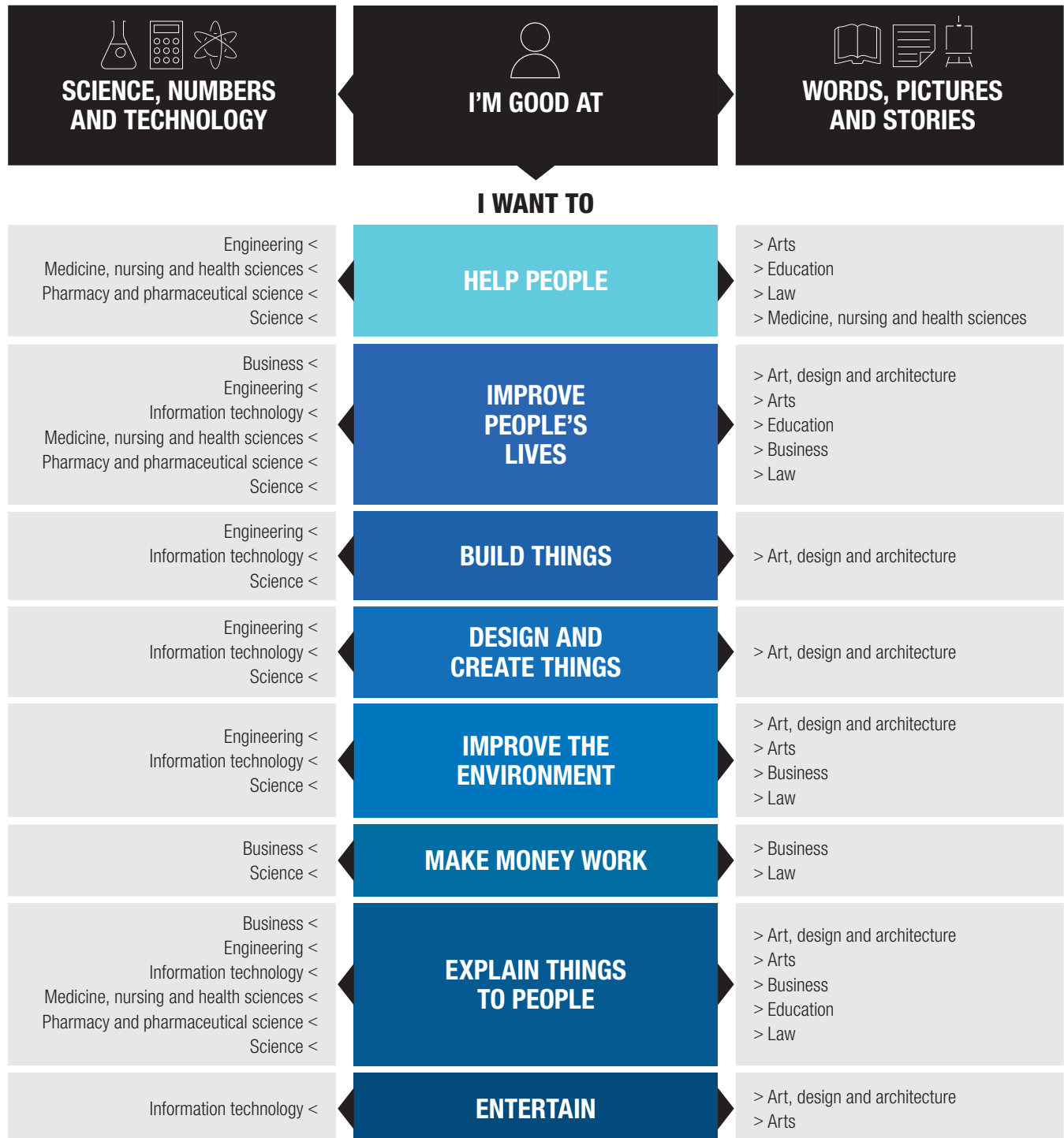
It's an exciting time in your life as you enter the final years of secondary school and start to consider what's next. Knowing where to start can be a little overwhelming, but we've got some helpful tips to guide you:

Come to our Open Days and info nights to experience the University environment  
 Visit our website to find out all you need  
 Make a shortlist of courses and their key features (e.g. career outcomes, location, facilities, prerequisite subjects required) so you can compare.

**TALK TO OTHERS, BUT DECIDE FOR YOURSELF!**



[CLICK HERE TO DISCOVER MONASH](#)



## ACKNOWLEDGEMENT OF COUNTRY

Monash University recognises that its Australian campuses are located on the unceded lands of the people of the Kulin Nations, and pays its respects to their Elders, past and present.

# STUDY AREAS

You'll structure your course through unit choices to build a major and minor. A **major** is the area of study you wish to focus in a comprehensive course. It's the main field of study you wish to pursue. A **minor** can be a complementary subject to help boost your study, or explore a hobby or interest. At Monash you have the opportunity to explore your options from your first year.

Arts	Major	Minor	Arts	Major	Minor	Arts	Major	Minor
Anthropology	■	▲	Health humanities	■	▲	Korean studies	■	▲
Archaeology and ancient history	■	▲	History	■	▲	Linguistics and English language	■	▲
Behavioural studies		▲	Holocaust and genocide studies		▲	Literary studies	■	▲
Chinese studies	■	▲	Human geography	■	▲	Music	■	▲
Communications and media studies	■	▲	Human rights and social justice	■	▲	Philosophy	■	▲
Criminology	■	▲	Indigenous studies	■	▲	Politics	■	▲
Economics	■	▲	Indonesian studies	■	▲	Psychology	■ <sup>1,2</sup>	▲
European languages	■ <sup>1</sup>	▲	International relations	■	▲	Sociology	■	▲
Film and screen studies	■	▲	Japanese studies	■	▲	Theatre performance studies		▲
Gender studies	■	▲	Jewish studies		▲			
Global Asia	■	▲	Journalism	■	▲			

Business	Major	Minor	Business Administration	Major	Minor	Commerce	Major	Minor
Accounting	■	▲	Accountancy	■	▲	Accounting	■	▲
Banking and finance	■	▲	Business administration studies	■		Actuarial studies	■	▲
Business analytics and statistics	■	▲	Econometrics and business decisions		▲	Behavioural commerce	■	▲
Business law	■	▲	Finance and economics	■		Business analytics	■	▲
Business management	■	▲	Management practice	■	▲	Business law		▲
Business studies	■		Marketing and communications	■	▲	Econometrics	■	▲
Digital Economy	■					Economics	■	▲
Economics and business strategy	■	▲				Finance	■	▲
Financial econometrics	■					Management studies	■	▲
Human resource management	■	▲				Marketing science	■	▲
International business	■	▲				Mathematical foundations of econometrics	■	
Marketing	■	▲				Supply chain management		▲
Sustainability and responsible management	■	▲				Sustainability and responsible management	■	▲
Taxation	■	▲						

Engineering	Specialisations	Information Technology	Major	Minor	Information Technology	Major	Minor
Aerospace engineering	▲	3D modelling and animation		▲	Games development		▲
Biomedical engineering	▲	Applied cybersecurity	■		Human computer interaction		▲
Chemical engineering	▲	Business information systems	■	▲	Mobile apps development		▲
Civil engineering	▲	Computer science		▲	Software development	■	▲
Electrical and computer systems engineering	▲	Cybersecurity		▲	Software engineering		▲
Environmental engineering	▲	Data science		▲	Web development		▲
Materials engineering	▲	Games and immersive media	■		Software engineering		▲
Mechanical engineering	▲	Games design		▲			
Robotics and mechatronics engineering	▲						
Software engineering	▲						

Science	Major	Minor	Science	Major	Minor	Science	Major	Minor
Anatomy and developmental biology	■	▲	Environmental science			Mathematics	■	▲
Applied mathematics	■ <sup>1</sup>		<small>only available as extended major</small>			Microbiology	■ <sup>1</sup>	▲
Astrophysics	■ <sup>1</sup>	▲	Financial and insurance mathematics			Molecular biology		▲
Biochemistry	■ <sup>1</sup>	▲	<small>only available as extended major</small>			Pharmacology	■	▲
Chemistry	■ <sup>1</sup>	▲	Genetics and genomics	■ <sup>1</sup>	▲	Physics	■ <sup>1</sup>	▲
Climate and atmospheric science	■ <sup>1</sup>	▲	Geographical science	■ <sup>1</sup>	▲	Physiology	■	▲
Computational science	■ <sup>1</sup>	▲	Geoscience	■ <sup>1</sup>	▲	Plant sciences	■	▲
Environmental earth science	■ <sup>1</sup>	▲	Human pathology	■		Psychology	■ <sup>1,2</sup>	▲
Ecology and conservation biology	■ <sup>1</sup>	▲	Immunology	■ <sup>1</sup>	▲	Pure mathematics	■ <sup>1</sup>	
			Mathematical statistics	■ <sup>1</sup>	▲	Zoology	■	▲

<sup>1</sup> Also available as an extended major.

<sup>2</sup> The Psychology extended major is only available as part of the Bachelor of Arts or the Bachelor of Science, or as part of the Science/Arts double degree.

# UNDERGRADUATE COURSES AT A GLANCE



**CLICK HERE** to go to [monash.edu/study](https://monash.edu/study)

These tables provide the subject prerequisites required for admission in 2028. Prerequisite subjects for entry in 2029 will be available from the VTAC website in mid-2026. We recommend that you focus on subject selection as a priority as the ATAR may change by the time you're ready to enter university. You can check the ATARs<sup>1</sup> for our courses on our website.

If you're an interstate student, you can find all the interstate equivalencies on our website: [monash.edu/study/interstate](https://monash.edu/study/interstate)

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
<b>ART DESIGN AND ARCHITECTURE</b>				
<b>Architectural Design</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Architectural Design / Architecture</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Architectural Studies</b>				
<ul style="list-style-type: none"> <li>• Architectural Studies/Business</li> <li>• Architectural Studies/Design</li> <li>• Architectural Studies/Fine Art</li> </ul>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
• Architectural Studies / Information Technology	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
<b>Art History and Curating</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<ul style="list-style-type: none"> <li>• Art History and Curating/Business</li> <li>• Art History and Curating / Media and Communication</li> </ul>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
		NA	NA	English: Level 1
<b>Design</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<ul style="list-style-type: none"> <li>• Design/Arts</li> <li>• Design/Business</li> <li>• Design/Fine Art</li> <li>• Design/Information Technology</li> <li>• Design/Media Communication</li> </ul>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
		<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
		NA	NA	English: Level 1
		<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
		NA	NA	English: Level 1
<b>Fine Art</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<ul style="list-style-type: none"> <li>• Fine Art/Business</li> <li>• Fine Art/Information Technology</li> <li>• Fine Art/Media Communication</li> </ul>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
		<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
		NA	NA	English: Level 1

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)				
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4					
<b>ARTS, HUMANITIES AND SOCIAL SCIENCES</b>								
<b>Arts</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<ul style="list-style-type: none"> <li>• Arts/Criminology</li> <li>• Arts/Fine Art</li> <li>• Arts/Global Studies</li> <li>• Arts/Health Science</li> <li>• Arts/Media Communication</li> <li>• Arts/Music</li> </ul>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<b>Criminology</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<ul style="list-style-type: none"> <li>• Criminology/Information Technology</li> </ul>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<b>Criminology and Policing</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<b>Global Studies</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<ul style="list-style-type: none"> <li>• Global Studies/Information Technology</li> </ul>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<b>International relations</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<b>Media Communication</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1				
<ul style="list-style-type: none"> <li>• Media Communication/Music</li> </ul>								
<b>Music</b>								
<b>Politics, Philosophy and Economics</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<ul style="list-style-type: none"> <li>• Politics, Philosophy and Economics/Arts</li> </ul>								
<b>BUSINESS</b>								
<b>Accounting</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<b>Actuarial Science</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3				
<b>Actuarial Science / Master of Actuarial Science</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3				
<b>Banking and Finance</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<b>Business</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2				
<ul style="list-style-type: none"> <li>• Business/Accounting</li> <li>• Business/Arts</li> <li>• Business/Banking and Finance</li> <li>• Business/Information Technology</li> <li>• Business/International Relations</li> <li>• Business/Marketing</li> <li>• Business/Media Communication</li> </ul>								
<b>Business Administration</b>					English other than EAL, or English (EAL)	<b>Units 1&amp;2:</b> <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or Units 3&4: any Mathematics	NA	English & Maths: Level 1

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
<b>Commerce</b>	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
• Commerce/Actuarial Science	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
• Commerce/Arts				
• Commerce/Biomedical Science	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	Chemistry	English: Level 1 Maths: Level 3 Science: Chemistry
• Commerce/Computer Science	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
• Commerce/Economics				
• Commerce/Finance				
• Commerce/Global Studies				
• Commerce/Information Technology				
• Commerce/Music				
• Commerce/Politics, Philosophy and Economics				
• Commerce/Science				
<b>Digital Business</b>	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Digital Business/Business	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Digital Business/Information Technology				
<b>Economics</b>	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
<b>Finance</b>	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
<b>Marketing</b>	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Marketing/Arts	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Marketing/Media Communication				

## EDUCATION

<b>Diploma of Higher Education:</b> Arts, Education, Learning Design and Technology, Science	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Diploma of Tertiary Studies:</b> Business, Education, Nursing	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Education</b>	English other than EAL, or English (EAL)	Units 1&2: <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or Units 3&4: any Mathematics	NA	English & Maths: Level 1
Early childhood and primary education				
Primary education				
Primary and secondary education				
Primary and Secondary health and physical education				
Primary and Secondary inclusive education	see below	see below		see below
Secondary health and physical education				
Secondary education (as part of a double degree)	see below	see below		see below

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
• Education/Arts	English other than EAL, or English (EAL)	<b>Units 1&amp;2:</b> <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or Units 3&4: any Mathematics	NA	English & Maths: Level 1
• Education/Business		<b>Units 3&amp;4:</b> <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Education/Fine Art		<b>Units 1&amp;2:</b> <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or Units 3&4: any Mathematics	NA	English & Maths: Level 1
• Education/Music				
• Education/Science		<b>Units 1&amp;2:</b> <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or Units 3&4: any Mathematics	<i>One</i> of: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English & Maths: Level 1 Science: One of the subjects from the Science approved list
<b>Learning Design and Technology</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1

## ENGINEERING

<b>Engineering Engineering (accelerated master's)</b>	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> Mathematical Methods or Specialist Mathematics	<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics
• Engineering/Architectural Design	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> Mathematical Methods or Specialist Mathematics	<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics
• Engineering/Arts			<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics
• Engineering/Biomedical Science			Chemistry	English: Level 1 Maths: Level 3 Science: Chemistry
• Engineering/Commerce	English other than EAL, or English (EAL)	<b>Units 3&amp;4:</b> Mathematical Methods or Specialist Mathematics	<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics
• Engineering/Computer Science				
• Engineering/Design			<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics
• Engineering/Information Technology				
• Engineering/Pharmaceutical Science				
• Engineering/Science	<i>One</i> of Biology, Chemistry or Physics	English: Level 1 Maths: Level 3 Science: Biology, Chemistry or Physics		

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
<b>INFORMATION TECHNOLOGY</b>				
<b>Computer Science</b>	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
<b>Computer Science Advanced</b>				
<b>Information Technology</b>	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 2
• Information Technology/Arts			NA	English: Level 1 Maths: Level 2
• Information Technology/Science			<i>One</i> of: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 1 Maths: Level 2 Science: <i>One</i> of the subjects from the Science approved list
<b>LAW</b>				
<b>Laws</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 2
• Laws/Arts	English other than EAL, or English (EAL)	NA	NA	English: Level 2
• Laws/Biomedical Science		Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods, Specialist Maths or Physics	Chemistry	English: Level 2 Maths: Level 2, or Physics Science: Chemistry
• Laws/Commerce		Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 2 Maths: Level 3
• Laws/Computer Science		NA	NA	English: Level 2
• Laws/Criminology		Units 3&4: Mathematical Methods or Specialist Mathematics	<i>One</i> of Biology, Chemistry or Physics	English: Level 2 Maths: Level 3 Science: Biology, Chemistry or Physics
• Laws/Engineering		NA	NA	English: Level 2
• Laws/Global Studies		NA	NA	English: Level 2
• Laws/International Relations		Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English & Maths: Level 2
• Laws/IT		NA	NA	English: Level 2
• Laws/Music		Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods or Specialist Mathematics	NA	English & Maths: Level 2
• Laws/Politics Philosophy and Economics		NA	NA	English: Level 2
• Laws/Psychology		NA	<i>One</i> of: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 2 Science: <i>One</i> of the subjects from the Science approved list
• Laws/Science		NA		

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
<b>MEDICINE, NURSING AND HEALTH SCIENCES</b>				
<b>Biomedical Science / Biomedical Science (Scholars Program)</b>	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods, Specialist Maths or Physics	Chemistry	English: Level 1 Maths: Level 2, or Physics Science: Chemistry
<b>Health Sciences</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Medicine</b>	English other than EAL, or English (EAL)	NA	Chemistry	English: Level 2 Science: Chemistry
<b>Nursing / Nursing (Scholars program)</b>	English other than EAL, or English (EAL)	Units 1&2: <i>Two</i> units (any combination) of General Mathematics, Mathematical Methods or Specialist Mathematics; or	NA	English & Maths: Level 1
<b>Nursing and Midwifery</b>		Units 3&4: any Mathematics		
<b>Nutrition Science / Nutrition Science (Scholars Program)</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Occupational Therapy</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Paramedicine</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Physiotherapy</b>	English other than EAL, or English (EAL)	NA	<i>Two</i> of Biology, Chemistry, Mathematical Methods, Specialist Mathematics, or Physics.	English: Level 2 Science: <i>Two</i> subjects from: Biology, Chemistry, Mathematics: Applications and Interpretations (HL only), Mathematics: Analysis and Approaches or Physics
<b>Psychology</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
• Psychology/Arts	English other than EAL, or English (EAL)	NA	NA	English: Level 1
• Psychology/Commerce	English other than EAL, or English (EAL)	Units 3&4: Mathematics Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
• Psychology/Science	English other than EAL, or English (EAL)	NA	<i>One</i> of Biology, Chemistry, Environmental Science, Geography, Mathematics Methods, Specialist Mathematics, Physics or Psychology.	English: Level 1 Science: <i>One</i> of the subjects from the Science approved list
<b>Public Health</b>	English other than EAL, or English (EAL)	NA	NA	English: Level 1
<b>Radiography and Medical Imaging</b>	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	Biology or Physics	English: Level 2 Maths: Level 3 Science: Biology or Physics
<b>Speech Pathology</b>	English other than EAL, or English (EAL)	NA	<i>One</i> of Biology, Chemistry, Health and Human Development, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physical Education or Physics.	English: Level 2 Science: <i>One</i> of Mathematics: Analysis and Approaches, Chemistry, Physics, Biology, Sport Exercise and Health Science, or (HL only) Mathematics: Applications and Interpretations

COURSE	VCE PREREQUISITES			IB REQUIREMENTS (see back cover for subjects)
	YEAR 12 ENGLISH UNITS 3&4	VCE MATHS	VCE SCIENCE UNITS 3&4	
<b>PHARMACY AND PHARMACEUTICAL SCIENCES</b>				
Pharmaceutical Science	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	Chemistry	English: Level 1 Maths: Level 3 Science: Chemistry
Pharmaceutical Science Advanced / Pharmaceutical Science Advanced (Scholars Program)				
Pharmacy				
Pharmacy / Master of Pharmacy				
<b>SCIENCE</b>				
Applied Data Science	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
Applied Data Science Advanced	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Maths	NA	English: Level 1 Maths: Level 3 higher score
Science	English other than EAL, or English (EAL)	NA	<i>One</i> of Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 1 Science: <i>One</i> of the subjects from the Science approved list
• Science/Arts		NA	<i>One</i> of Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 1 Science: <i>One</i> of the subjects from the Science approved list
• Science/Biomedical Science	English other than EAL, or English (EAL)	Units 3&4: <i>One</i> of General Mathematics, Mathematical Methods, Specialist Maths or Physics	Chemistry	English: Level 1 Maths: Level 2 subjects, or Physics Science: Chemistry
• Science/Computer Science		Units 3&4: Mathematical Methods or Specialist Mathematics	NA	English: Level 1 Maths: Level 3
• Science/Global Studies				
• Science/Music		NA	<i>One</i> of: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 1 Science: <i>One</i> of the subjects from the Science approved list
Science Advanced – Global Challenges	English other than EAL, or English (EAL)	NA	<i>One</i> of: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods, Specialist Mathematics, Physics or Psychology	English: Level 2 Science: <i>One</i> of the subjects from the Science approved list
Science Advanced – Research	English other than EAL, or English (EAL)	Units 3&4: Mathematical Methods or Specialist Mathematics	<i>Two</i> subjects from: Biology, Chemistry, Environmental Science, Geography, Mathematical Methods <sup>2</sup> or Specialist Mathematics <sup>2</sup> , Physics or Psychology	English: Level 2 Maths: Level 3 Science: <i>Two</i> of the subjects from the Science approved list

1 Published ATARS for courses are indicative only and change from year to year and should be used as a guide only.

2 The same Mathematics subject cannot be counted twice to meet the Maths and Science prerequisites.

# IB ACADEMIC PREREQUISITE LEVELS

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

The table below outlines the IB prerequisite subjects.

English		Mathematics			Science
<ul style="list-style-type: none"> <li>Level 1 – English (Australian Year 12 equivalent)</li> </ul>	<ul style="list-style-type: none"> <li>Level 2 – Higher score in English (Australian Year 12 equivalent)<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>Level 1 – Mathematics (Australian Year 11 equivalent)<sup>2,3</sup></li> </ul>	<ul style="list-style-type: none"> <li>Level 2 – Mathematics (Australian Year 12 equivalent)<sup>3</sup></li> </ul>	<ul style="list-style-type: none"> <li>Level 3 – Higher level mathematics (Australian Year 12 equivalent)</li> </ul>	<ul style="list-style-type: none"> <li>Science approved list</li> </ul>
One of the following SL subjects: <ul style="list-style-type: none"> <li>English A: Literature, or</li> <li>English A: Language and Literature, or</li> <li>Literature and Performance, OR</li> </ul> One of the following HL subjects: <ul style="list-style-type: none"> <li>English A: Literature, or</li> <li>English A: Language and Literature, OR</li> </ul> One of the following SL subjects: <ul style="list-style-type: none"> <li>English AB, or</li> <li>English B, OR</li> </ul> The following HL subject: <ul style="list-style-type: none"> <li>English B.</li> </ul>	One of the following SL subjects: <ul style="list-style-type: none"> <li>English A: Literature, or</li> <li>English A: Language and Literature, or</li> <li>Literature and Performance, OR</li> </ul> One of the following HL subjects: <ul style="list-style-type: none"> <li>English A: Literature, or</li> <li>English A: Language and Literature, OR</li> </ul> One of the following SL subjects: <ul style="list-style-type: none"> <li>English AB, or</li> <li>English B, OR</li> </ul> The following HL subject: <ul style="list-style-type: none"> <li>English B.</li> </ul>	One of the following SL or HL subjects: <ul style="list-style-type: none"> <li>Mathematics: Applications and Interpretations, OR</li> <li>Mathematics: Analysis and Approaches</li> </ul>	One of the following SL subjects: <ul style="list-style-type: none"> <li>Mathematics: Applications and Interpretations, or</li> <li>Mathematics: Analysis and Approaches, OR</li> </ul> One of the following HL subjects: <ul style="list-style-type: none"> <li>Mathematics: Applications and Interpretations, or</li> <li>Mathematics: Analysis and Approaches</li> </ul>	One of the following SL subjects: <ul style="list-style-type: none"> <li>Mathematics: Analysis and Approaches, OR</li> </ul> One of the following HL subjects: <ul style="list-style-type: none"> <li>Mathematics: Applications and Interpretations, OR</li> <li>Mathematics: Analysis and Approaches.</li> </ul>	SL or HL in one of the below Science approved list (unless otherwise stated): <b>IB (SL or HL):</b> Biology, Chemistry, Environmental Systems and Societies (SL only), Geography, Mathematics: Analysis and Approaches, Mathematics: Applications and Interpretations (HL only), Physics or Psychology.

1 The 'level' is being used here to indicate that a higher score may be required (based on current requirements) and may change in the future. Please check our website for more details.

2 Maths subjects listed in the Level 2 and Level 3 columns can also be used to satisfy Level 1 maths prerequisite requirements.

3 Maths subjects listed in the Level 3 column can also be used to satisfy Level 1 and Level 2 maths prerequisite requirements.



**CLICK HERE** to find out more

## OPEN DAY 2026

### PENINSULA

SATURDAY 1 AUGUST  
10AM – 2PM

### CAULFIELD

SATURDAY 1 AUGUST  
10AM – 2PM

### CLAYTON

SUNDAY 2 AUGUST  
10AM – 4PM

### PARKVILLE

SUNDAY 16 AUGUST  
10AM – 2PM

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