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Note: A reminder that from 2024, Further Maths 3/4 is renamed General Maths 3/4



ACCOUNTING DEGREES 2023



Accounting is offered at many universities in Victoria. It is often offered as a major or minor in a business or commerce degree, but many universities also offer dedicated accounting degrees.

Below is a list of many **specific accounting-focused** courses offered at Victorian universities.

Visit [VTAC](https://www.vtac.edu.au) for more comprehensive information on these and other courses – including double-degrees – that offer accounting.

INSTITUTION	COURSE	MAJOR STUDIES IN 2023	VCE PREREQUISITES
ACU	Accounting and Finance	Accounting Theory, Auditing, Company Law, Corporate Accounting, Economics, Financial Accounting, Financial Risk Management, Principles of Finance, Taxation Law.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2023: 63.30
CHARLES STURT	Accounting	Accounting, auditing, business (law), business (management), business (taxation), finance, financial accounting, management accounting.	Successful completion of Year 12 ATAR 2023: n/p
CQU Melbourne	Accounting	Financial Planning, Management, Entrepreneurship and Accounting, Marketing, Property.	Successful completion of Year 12 and English Language Proficiency requirements. ATAR 2023: n/p
FEDERATION UNIVERSITY	Professional Accounting	Accounting, Commerce, Finance, Management, Taxation.	Units 3 and 4: a study score of at least 20 in any English. ATAR 2023: 52.70 (Ballarat) n/p (Berwick)
LA TROBE UNIVERSITY	Accounting	Agribusiness, Business analytics, Digital business, Economics, Enterprise, Event management, Finance, Human resource management, International business, Management, Marketing, Sport management, Tourism and hospitality.	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. ATAR 2023: 65.95 (Bendigo) 60.25 (Melbourne)
MONASH UNIVERSITY	Accounting	Accounting, Business management.	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 25 in Maths: Further Mathematics. ATAR 2023: 76.00 (Caulfield)
RMIT UNIVERSITY	Accounting	Accounting, Auditing, Auditing and taxation, Business, Business (accounting), Business (economics), Business (law), Business (taxation), Financial accounting, Management accounting, Taxation and auditing, Quantitative Analysis.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2023: 68.35 (City)
SWINBURNE UNIVERSITY	Accounting	Accounting, Accounting theory, Auditing, Business, Commerce, Company accounting, Finance, Financial information systems, Financial management, Financial statistics, Management accounting for planning and control, Taxation.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2023: 62.05
	Accounting and Business Information Technology (Professional)	Accounting, Auditing, Business information systems, Business law, Company accounting, Database analysis and design, Enterprise systems, Financial information systems, Financial management, Financial statistics, Information technology, International finance, Macroeconomics, Management accounting, Microeconomics, Project management, Taxation.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2023: 82.30
VICTORIA UNIVERSITY	Accounting	Business Analytics, Data and Information Systems Management, Finance, Financial Planning, Risk Management.	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. ATAR 2023: n/p (City)



AGRICULTURE DEGREES 2023



Growing enough food to sustain the world is one of the biggest challenges the world is facing in the 21st century. Below are several degrees that prepare students to become experts in the ***science of agriculture***, so they can take on an advisory role in agriculture and farming practices.

For a comprehensive list of courses (including the many double-degree options) on offer at Victorian universities, TAFEs, and Private Providers, visit [VTAC](https://www.vtac.edu.au).

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2023
LA TROBE UNIVERSITY	Bachelor of Agriculture	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Agriculture.
	Bachelor of Business (Agribusiness)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agribusiness.
	Bachelor of Science (Crop Science)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Crop science.
MARCUS OLDHAM COLLEGE	Bachelor of Business (Agriculture)	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection.	Agriculture, Farm Management and Agribusiness .
	Bachelor of Business (Agribusiness)	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection.	Agribusiness.
MELBOURNE POLYTECHNIC	Bachelor of Agriculture and Technology (Agronomy Major)	Successful completion of Year 12	Agronomy major.
	Bachelor of Agriculture and Technology (Viticulture and Winemaking Major)	Successful completion of Year 12	Viticulture and Winemaking major.
UNIVERSITY OF MELBOURNE	Bachelor of Agriculture	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 30 in Maths: Further Mathematics.	Agricultural economics, Plant and soil science, Production animal science.
WILLIAM ANGLISS INSTITUTE	Bachelor of Food Studies	n/a, but completion of Year 12, the ATAR, and participation in an interview are all considered for selection	Agriculture and Farming Systems, Culinary Artistry, Culture and Cuisine, Diet and Health in Society, Economics and Global Impacts, Food Movements and Social Change, Food and Gastronomy in Literature and Media, Innovation and Entrepreneurship.



ANIMALS, CONSERVATION, WILDLIFE & ZOOLOGY DEGREES 2023



A number of universities in Victoria offer a range of courses in *animal science*, *marine biology*, *veterinary nursing*, *conservation studies*, and *wildlife & zoology*. A number of these undergraduate courses are listed below, but for a comprehensive list of all similar courses offered by universities and TAFE institutions, browse [VTAC](#).

INSTITUTION	COURSE NAME	VCE PREREQ'S	MAJOR STUDIES IN 2023
DEAKIN UNIVERSITY ATAR: 60.20 (Melbourne) ATAR: 66.45 (Geelong) ATAR: 55.85 (Warrnambool) ATAR: 75.20 (Melbourne) ATAR: 65.50 (Geelong)	Environmental Science (Environmental Management and Sustainability)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied data analytics, Biology, Bushfire management, Catchment management, Coastal and marine management, Conservation biology/ecology, Ecological studies, Ecology, Ecosystem management, Ecotourism, Environmental health, Environmental impact assessment, Environmental management, Environmental policy and planning, Environmental project management, Environmental protection, Environmental science, Environmental social science, Global engagement, Indigenous studies, Land management, Natural resources management, Nature conservation, Parks and reserve management, Plant and animal biology, Pollution control, Professional practice, Research methods, Resource efficiency, Science, Sustainability, Waste management, Water resources management, Wildlife management.
	Marine Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Aquaculture sciences, Biology, Chemistry, Fisheries and aquaculture, Global engagement, Indigenous studies, Marine biology and ecology, Modelling, Ocean and coastal processes, Ocean fisheries, Physics, Science quantitation, Sustainable marine management.
	Environmental Science (Wildlife and Conservation Biology)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agricultural environmental and related studies, Animal and plant biology, Animal husbandry, Applied data analytics, Biology, Botany, Bushfire management, Conservation biology/ecology, Ecological studies, Ecosystem management, Environmental science, Global engagement, Indigenous studies, Land and water management, Landscape ecology, Natural resource management, Park and wilderness management, Plant ecology, Science, Vegetation and wildlife management, Wildlife conservation and ecology, Wildlife management, Zoology.
	Zoology and Animal Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Animal behaviour, Animal biochemistry, Animal biology, Animal communication, Animal diversity, Animal navigation, Animal welfare, Animals and climate change, Applied data analytics, Conservation genetics, Disease ecology, Ecology, Ecophysiology, Evolutionary biology, Genetics, Indigenous studies, Marine biology, Ornithology, Physiology, Science, Sensory ecology and neurobiology, Wildlife disease, Wildlife ecology and conservation, Wildlife management, Zoology.
FEDERATION UNIVERSITY ATAR: 49.90 (Berwick) ATAR: 38.75 (Berwick)	Environmental and Conservation Science	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in any Mathematics or at least 20 in any Science.	Environmental and Conservation Science.
	Veterinary and Wildlife Science	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of any Mathematics or any Science.	Veterinary and Wildlife Science.
LA TROBE UNIVERSITY ATAR: 60.90 (Melbourne) ATAR: 55.85 (Melbourne) ATAR: 55.75 (Melbourne) ATAR: 68.60 (Melbourne) ATAR: 75.35 (Melbourne)	Animal and Veterinary Biosciences	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Animal and Veterinary Biosciences.
	Biological Sciences	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biochemistry (Melbourne only), Botany, Ecology, Genetics, Human physiological sciences, Microbiology, Zoology.
	Biological Sciences (Zoology Major)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Zoology
	Veterinary Nursing	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry or any Mathematics.	Veterinary nursing.
	Wildlife and Conservation Biology	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Wildlife and Conservation Biology.



ANIMATION & GAMING DEGREES 2023



Animation and games design courses offer students a range of opportunities to be exposed to, and develop their skills in, subjects such as *computer coding, computer programming, broad IT skills, simulation, and modelling, computer-based 2D and 3D, interactive information design, and virtual environments*, to name but a few. Below is a list of some undergraduate degrees offered at Victorian Universities.

For a comprehensive list of courses (including the many double-degree options) on offer at Victorian universities, TAFEs, and Private Providers, visit [VTAC](#).

INSTITUTION	COURSE NAME	VCE PREREQ'S	MAJOR STUDIES IN 2023
DEAKIN	Film, Television & Animation	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Animation (major only), Animation and motion graphic (minor only), Film studies (minor only), Producing screen content, Screen content production (minor only), Screen production (major only), Scriptwriting (minor only), Visual effects and virtual production (minor only).
MONASH	Media	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	Animation, Automotive design, Collaborative design, Communication design, Computer-aided design (CAD), Design, Design theory, Digital media, Furniture design, Graphic design, Illustration, Industrial design, Interactive design, Materials technology, Product design and development, Spatial design, Transportation design, Visual communication, Web design.
RMIT	Animation and Interactive Media	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	2D animation, 3D animation, Animation, Animation design and production, Computer animation, Concept art, Design, Digital arts, Illustration, Imaging and sound, Motion design, Projection mapping, Visual effects.
	Games Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	3D design, Arts (contemporary), Digital art and design, Entrepreneurship, Games design, Games development, Games programming, Games technology, Graphic design.
SWINBURNE	Animation	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	2D 3D and Stop-motion animation, Animation history and theory, Character and environment design, Character locomotion and performance, Conceptual sketching and life-drawing, Human and animal anatomy, Producing and production management, Screenwriting, Sound design, Storyboarding and narrative development.
	Games and Interactivity	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	3D modelling and animation, Audio and video production, Game design, Games development, Games technology, Narrative design, User experience design.
	Games and Interactivity/Animation	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	2D and 3D production techniques for animation, 3D modelling for objects and environments, Acting for animation, Action analysis and locomotion, Behaviour and motivation in games, Character and environment design, Character animation, Development and pre-production, Digital game prototyping, Genre and the moving image, History of animation, Pervasive game design, Physics of games and animation, Principles of game design, Production and post-production, Production management for animation, Screen writing, Sound design and acquisition, User-centred design and evaluation, Writing and directing for animation, Writing for interactive narratives.
UNI MELBOURNE	Fine Arts (Animation)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Animation.
VICTORIA UNIVERSITY	Animation & Visual Effects	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Animation, Visual effects.



ARCHITECTURE, CONSTRUCTION & SURVEYING DEGREES IN 2023



Below is a list of some single undergraduate degrees offering **architecture, building & construction, property, surveying, and urban planning** as specialisations at Victorian universities. To find out about all similar courses on offer (including double degree options) at both TAFEs and universities, visit [VTAC](https://www.vtac.edu.au).

Students are encouraged to explore pathway courses to these degrees.

INSTITUTION	COURSE	VCE PREREQUISITES	2023 ENTRY REQUIREMENTS
Deakin (G - Geelong Waterfront Campus) (M – Melbourne Campus)	Architecture	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR 70.00 (G)
	Construction Management		ATAR 60.40 (G)
	Property and Real Estate		ATAR 65.05 (M)
La Trobe (Bendigo Campus)	Planning	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR n/p
	Urban and Regional Environments (AD)		ATAR n/p
Monash (Caulfield Campus)	Architectural Design (with guaranteed entry into Master of Architecture)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	ATAR 75.00
RMIT (City Campus)	Architectural Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR R.C. Selection task Interview (some)
	Construction Management	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	ATAR 70.00
	Landscape Architectural Design	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR R.C. Selection task Folio Presentation (some)
	Property and Valuation	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	ATAR 70.40
	Surveying	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	ATAR 66.30
	Urban and Regional Planning	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR 72.20
Swinburne (Hawthorn Campus)	Design (Architecture)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	ATAR 72.15
	Construction Management		ATAR 57.20
	Design (Interior Architecture)	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Art, Product Design And Technology, Media, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.	ATAR 69.55
University of Melbourne (Parkville Campus)	B Design may lead to: Master of Architecture Master of Landscape Architecture Master of Construction Management Master of Property Master of Urban Design Master of Urban Planning	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. Units 3 and 4: a study score of at least 25 in Mathematical Methods <i>if going to major in construction or property or will have to do an equivalent maths bridging course in the 1st year of the degree</i>	ATAR 85.00
Victoria University (Footscray Park Campus)	Building Surveying	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	ATAR n/p
	Construction Management		ATAR n/p

ARTS DEGREES IN 2023

Most universities in Victoria offer an Arts degree, and many of these are listed below. Students should note that the prerequisite VCE subject for most Arts degrees is only an English or EAL. For a comprehensive list of courses (including the many double-degree options) on offer at universities, visit [VTAC](https://www.vtac.vic.edu.au/).

INSTITUTION	MAJOR STUDIES IN 2023	ATAR 2023
<u>ACU</u> M – Melbourne Campus	Business studies, Criminology, Drama, Economics, English, History, Mathematics, Media, Music, Philosophy, Politics and International Relations, Psychology, Sociology, Study of Religions/Theological Studies, Visual arts.	59.15 (M)
<u>DEAKIN</u> G – Geelong Waurn Ponds Campus M – Melbourne Campus	Animation, Anthropology, Arabic, Chinese, Criminology, Design thinking, Education, English - children's literature, English - creative writing, English - literature, Film and television studies, Gender and sexuality studies, History, Indigenous studies, Indonesian, International relations, Media and communication, Media studies, Performing arts, Philosophy, Politics and policy studies, Public relations studies, Religious studies, Social media, Sociology, Spanish, Sport and society, Sport journalism, Strategic advertising, Visual arts and photography, Visual communication design, Web design.	62.95 (G) 60.15 (M)
<u>FEDERATION UNI</u> B – Berwick Campus G – Gippsland Campus MH – Mount Helen Campus	Behavioural studies, Community Work, Criminal Justice, Education, Entrepreneurship, History, Indigenous Studies, Literature, Marketing, Media and Screen Studies, Sociology, Visual Arts, Web Project Development, Writing.	41.90 (B) 64.10 (G) 52.85 (MH)
<u>LA TROBE</u> M – Melbourne Campus	Aboriginal studies, Anthropology, Archaeological and heritage studies, Asian studies, Chinese studies, Classics and ancient history, Creative and professional writing, Crime, justice and legal studies, Digital media, English, Environmental humanities, Ethics and social justice, French studies, Gender, sexuality and diversity studies, Greek studies, Hindi studies, History, Human geography, International studies, Italian studies, Japanese studies, Linguistics, Philosophy, Politics, Psychological science, Sociology, Spanish studies, Sustainability and development, Visual cultures.	60.05 (M)
<u>MONASH</u> Ca – Caulfield Campus CL – Clayton Campus	Anthropology, Archaeology and ancient history, Arts, Behavioural studies (minor), Bioethics (minor), Chinese studies, Communications and media studies, Criminology, Critical performance studies (minor), Economics, European languages (French, German, Italian, or Spanish and Latin American), Film and screen studies, Gender studies, Global Asia, Health humanities, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics and English language, Literary studies, Music, Philosophy, Politics, Psychology, Social science, Sociology.	72.00 (Ca) 75.00 (Cl)
<u>SWINBURNE</u> H – Hawthorn Campus ** Professional Degree	Climate and social justice, Criminology, Ethics and technology, History, Indigenous studies, International studies, Literature, Perspectives on globalisation, Philosophy, Politics, Politics power and technology, Professional and creative writing, Screen studies and popular culture, Sociology.	57.50 (H) 74.05 (H)**
<u>UNI MELBOURNE</u> P – Parkville Campus	Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Chinese societies (minor), Chinese studies, Classics, Creative writing, Criminology, Development studies (minor), Economics, English and theatre studies, English language studies (minor), Environmental studies (minor), European studies (minor), French studies, Gender studies, Geography, German studies, Hebrew and Jewish studies, History, History and philosophy of science, Indigenous studies, Indonesian studies, Islamic studies, Italian studies, Japanese societies (minor), Japanese studies, Knowledge and learning (minor), Korean studies (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Medieval and early modern studies (minor), Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies.	88.00 (P)
<u>VICTORIA UNI</u> FP – Footscray Park Campus	Communication Studies, Digital Media, History, Literary Studies, Political Science, Psychology, Sociology, Visual Art, Writing.	n/p (FP)



AVIATION COURSES IN 2023



The aviation industry is not only about pilots and flight attendants, but also includes aircraft manufacturing, ground crew, management, customer service, cargo and logistics...the list goes on.

An interesting website to browse can be found [here](#). Below are a number of courses offered in Victoria. **For a comprehensive list of all courses, their majors, and double degrees on offer, visit [VTAC](#).**

INSTITUTION	COURSE	MAJOR STUDIES IN 2023
RMIT	Associate Degree in Aviation (Professional Pilots)	Aircraft general knowledge, Aviation, Aviation (commercial pilot licence), Aviation (flight rules and air law), Aviation (general navigation), Aviation (instructor rating), Aviation (instrument rating), Aviation (instrumentation and control), Aviation (law), Aviation industry environment, Aviation quality systems, Flight training.
	Bachelor of Aviation (Pilot Training)	Aviation safety, Piloting.
	Bachelor of Applied Science (Aviation)	Aviation, Aviation management, Aviation operations.
	Bachelor of Applied Science (Aviation)/Bachelor of Business	Aviation, Aviation Operations, Aviation management, Blockchain Enabled Business, Business & Technology, Business Information Systems, Economics, Entrepreneurship, Finance, Financial Planning, Global Business, Innovation & Enterprise, Logistics & Supply Chain, Management, Management & Change, Marketing, People & Organisation, Social Impact, Study & Work.
SWINBURNE	Bachelor of Aviation	Aerodynamics and jet aircraft performance, Air Transport Pilot Licence theory, Airline operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation safety management systems, Commercial pilot licence, Multi-engine command instrument rating.
	Bachelor of Aviation and Piloting	Aerodynamics and jet aircraft performance, Air Transport Pilot Licence theory, Airline operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation safety management systems, Commercial pilot licence, Multi-engine command instrument rating.
	Bachelor of Aviation Management OR Bachelor of Aviation Management/Bachelor of Applied Innovation	Air traffic services, Aircraft design and operations, Aircraft maintenance, Airline planning and operations, Airport management, Airspace management, Aviation business management, Aviation marketing, Aviation regulation and operation, Flight planning and performance, Project management.
	Bachelor of Aviation/Bachelor of Business	Accounting, Air transport pilot licence theory, Aircraft aerodynamics and performance, Aircraft design and operations, Airspace management and air traffic services, Aviation business management, Aviation human factors, Aviation regulation and operation, Aviation safety management systems, Business administration, Business analytics and analysis, Commercial pilot licence, Entrepreneurship and innovation, Finance, Human resource management, Information systems, Logistics and supply chain management, Management, Marketing, Multi-engine command instrument rating.
	Bachelor of Aviation Management/Bachelor of Business	Accounting, Air traffic services, Aircraft design and operations, Aircraft maintenance, Airline planning and operations, Airport management, Airspace management, Aviation business management, Aviation human factors, Aviation marketing, Aviation regulation and operation, Aviation safety management systems, Business administration, Business analytics and analysis, Entrepreneurship and innovation, Finance, Flight planning and performance, Human resource management, Logistics and supply chain management, Management, Marketing.
WILLIAM ANGLISS INSTITUTE	Certificate III in Aviation (Cabin Crew)	Customer Service on an Aircraft, First Aid, Inflight food and beverage service, Pre-flight customer service, Responsible Service of Alcohol, Safety and security.



BANKING AND FINANCE DEGREES 2023



A number of universities in Victoria offer specific Banking and Finance, Accounting and Finance, or similarly-named degrees.

Also, **finance as a major**, is often offered in business and commerce degrees, and a number of these are included below.

Students are encouraged to take note of the maths prerequisites that may differ between institutions.

For a comprehensive list of all courses, visit [VTAC](#).

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2023
ACU M - Melbourne	Accounting and Finance ATAR: 63.30 (M)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting Theory, Auditing, Company Law, Corporate Accounting, Economics, Financial Accounting, Financial Risk Management, Principles of Finance, Taxation Law.
DEAKIN M – Melbourne G – Geelong WF W – Warrnambool	Commerce ATAR: 80.00 (M) 70.40 (G) 65.55 (W)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Business analytics, Economics, Emerging technology, Entrepreneurship, Event management, Finance, Financial planning , Global and social impact, Human resource management, International business, International trade, Management, Management information systems, Marketing, People management, Production management, Project management, Property investments, Recruitment and talent acquisition, Retail management, Social entrepreneurship, Wealth management.
FEDERATION B – Berwick	Business ATAR: 50.60 (B)	Units 3 and 4: a study score of at least 20 in any English.	Banking and Finance , Cognitive Enterprise, Management, Marketing.
LA TROBE M – Melbourne	Business ATAR: 57.60 (M)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Finance. Note: A finance major is also offered in a commerce degree with an ATAR of 80.40 and the same VCE prerequisites.
MONASH Ca – Caulfield Cl - Clayton	Banking and Finance ATAR: 77.00 (Ca)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 25 in Maths: Further Mathematics.	Banking and Finance.
	Finance ATAR: 86.00 (Cl)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Finance.
RMIT C - City	Business ATAR: 67.00 (C)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Blockchain Enabled Business, Business & Technology, Business Information Systems, Economics, Entrepreneurship, Finance, Financial Planning , Global Business, Innovation & Enterprise, Logistics & Supply Chain, Management & Change, Marketing, People & Organisation, Social Impact.
SWINBURNE H – Hawthorn *Professional degree	Business ATAR: 55.00 (H) ATAR: 70.55* (H)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting, Accounting and finance , Business administration, Business analytics and analysis, Entrepreneurship and innovation, Finance , Human resource management, Logistics and supply chain management, Management, Marketing, Sports management.
UNI MELB P - Parkville	Commerce ATAR: 91.00 (P)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Accounting, Actuarial studies, Economics, Finance , Management, Marketing.
VICTORIA CF – City Flinders	Business ATAR: n/p (CF)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Analytics, Banking and Finance , Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics, Tourism and Hospitality Management.



BIOMEDICINE/BIOMEDICAL SCIENCE DEGREES 2023



A Biomedicine or Biomedical Science degree is offered at a number of universities and is often regarded as an excellent pathway degree to graduate medical careers.

Visit [VTAC](https://www.vtac.edu.au) for more information on these and other courses – including double-degrees.

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2023
ACU M - Melbourne	Biomedical Science ATAR: 59.15 (M)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in any Mathematics.	Biomedical Science, Physiological Pharmacology.
DEAKIN M – Melbourne G – Warrnambool	Biomedical Science ATAR: 80.00 (M) 72.75 (G)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Anatomy, Biochemistry, Bioinformatics, Biology, Biomedical science, Bioscience, Cell biology, Environmental health, Genetics, Human biology, Immunology, Infection and immunology, Medical biotechnology, Medical genomics, Medical microbiology, Medical research, Medical science, Microbiology, Molecular and cell biology, Molecular and human genetics, Molecular biology, Molecular life sciences, Pathophysiology, Pharmaceutical Science, Physiology.
FEDERATION B – Berwick Gi – Gippsland Ba - Ballarat	Biomedical Science ATAR: 47.70 (B) 65.00 (Gi) 61.75 (Ba)	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in any Mathematics; Units 3 and 4: a study score of at least 20 in any Science.	Biomedical Science.
	Biomedical Science (Gippsland Partnership) ATAR: n/p (Gi)	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 27 in English (EAL); Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics; Units 3 and 4: a study score of at least 25 in Chemistry.	Biomedical Science.
LA TROBE M – Melbourne AW – Albury Wodonga B - Bendigo	Biomedical Science ATAR: 61.05 (AW) 61.25 (B)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biomedical Science.
	Biomedicine ATAR: 65.05 (M)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biomedicine.
MONASH C – Clayton **Physics not required from 2024	Biomedical Science ATAR: 88.00 (C)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics**.	Anatomy and physiology, Biochemistry, Biomedical science, Biomedicine, Genetics, Health sciences, Human biology, Human sciences, Microbiology, Molecular and cell biology, Neurobiology, Pathology, Pathophysiology.
RMIT B - Bundoora	Biomedical Science ATAR: 70.20 (B)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics; Units 3 and 4: a study score of at least 20 in one of Biology or Chemistry.	Anatomy, Biochemistry, Biomedical science, Biotechnology, Cell biology, Cell physiology, Human physiology, Medical science, Microbiology, Molecular medicine and biotechnology, Neurobiology, Pathology, Pharmacology.
UNI MELBOURNE P - Parkville	Biomedicine ATAR: 94.05 (P)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Biochemistry and molecular biology, Bioengineering systems, Biotechnology, Cell and developmental biology, Genetics, Human nutrition, Human structure and function, Immunology, Infection and immunity, Microbiology, Neuroscience, Pathology, Pharmacology, Physiology, Psychology.
VICTORIA F – Footscray St. A – St. Albans **Not Foundation Mathematics	Biomedical Science ATAR: n/p (St. A)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, Health And Human Development, any Mathematics** or Physical Education.	Human Physiology, Molecular Cell Biology.
	Biomedicine ATAR: 82.40(F) n/p (St. A)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, any Mathematics** or Physics.	Biomedicine.



BUSINESS DEGREES IN 2023



Many students are keen on studying business degrees at Victorian Universities that offer majors including **accounting, marketing, human resources, and management**, and these can be found included in the following degrees.

For a comprehensive list of all business courses, their majors, and double degrees on offer, visit [VTAC](#)

INSTITUTION	COURSE	VCE PREREQS	MAJOR STUDIES IN 2023	ATAR 2023
ACU M - Melbourne	Business Administration	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Business Administration.	n/p (M)
CQU M - Melbourne	Business	n/a but an ATAR is used for selection	Accounting, Financial Planning, Human Resource Management, Management, Marketing, Property.	n/p (M)
Charles Sturt AW – Albury Wodonga	Business	n/p but an ATAR is used for selection	Accounting and Financial Management, Advertising, Agribusiness, Entrepreneurship, Ethics and Social Responsibility, Finance, Human Resource Management, IT Management, Legal and Industrial Relations, Management and Leadership, Marketing, Marketing, Communication and Digital Media, Project Management, Psychology, Strategic Communication, Strategic Planning, Sustainability.	63.10 (AW)
DEAKIN M – Melbourne G – Geelong W'Front	Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Business analytics, Business and digital communications, Economics, Entrepreneurship and innovation, Event management, International trade, Marketing, Organisational psychology, People management, Project management, Retail and supply chain management, Sustainability and development.	62.00 (M) 60.90 (G)
FEDERATION Be – Berwick Ba – Ballarat Gi - Gippsland	Business	Units 3 and 4: a study score of at least 20 in any English.	Banking and Finance, Cognitive Enterprise, Management, Marketing.	50.60 (Be) 52.20 (Ba) 54.25(Gi)
LA TROBE M – Melbourne Be – Bendigo S - Sydney	Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agribusiness, Digital business, Economics, Enterprise, Event management, Finance, Human resource management, International business, Management, Marketing, Sport management, Tourism and hospitality.	55.85 (M) 57.90 (Be) n/p (S)
MONASH Ca – Caulfield P - Peninsula	Business	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 25 in Maths: Further Mathematics.	Accounting, Banking and finance, Business analytics and statistics, Business law, Business management, Business studies, Economics and business strategy, Financial econometrics, Human resource management, International business, Marketing, Taxation.	75.15 (Ca)
	Business Administration	Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	Accountancy, Business administration studies, Economics and business decisions (minor), Finance and economics, Management practice, Marketing and communications.	70.10 (P)
RMIT C – City * Business (Professional)	Business	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Blockchain Enabled Business, Business & Technology, Business Information Systems, Economics, Entrepreneurship, Finance, Financial Planning, Global Business, Innovation & Enterprise, Logistics & Supply Chain, Management & Change, Marketing, People & Organisation, Social Impact.	67.00 (C) 80.00 * (C)
SWINBURNE H – Hawthorn * Professional Degree	Business	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting, Accounting and finance, Business administration, Business analytics and analysis, Entrepreneurship and innovation, Finance, Human resource management, Logistics and supply chain management, Management, Marketing, Sports management.	55.00 (H) 70.55 * (H)
VICTORIA CF – City Flinders	Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Analytics, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics, Tourism and Hospitality Management.	n/p (CF)



CIVIL ENGINEERING DEGREES IN 2023



Civil engineers plan, design, construct, operate and maintain roads, bridges, dams, water supply schemes, sewerage systems, transportation systems, harbours, canals, dockyards, airports, railways, factories and large buildings. They may perform some of the following tasks*:

- investigate sites to work out the most suitable foundation for a proposed construction
- research and advise on the best engineering solution to meet a client's needs and budget
- produce detailed designs and documentation for the construction and implementation of civil engineering projects
- organise the delivery of materials, plant machinery and equipment needed for the construction project and supervise labour
- analyse and interpret reports on loading, labour, productivity, quality, materials and performance
- analyse risks associated with natural disasters including wind, earthquake, fire and floods, and design structures and services to meet appropriate standards
- arrange for geological and geophysical investigations and carry out feasibility studies

* [Good Universities Guide - Civil Engineering](#)

Universities in Victoria that offer undergraduate degrees in Civil Engineering include -

INSTITUTION	VCE REQUIREMENTS	ATAR 2023
Deakin University G – Geelong Warrnambool Campus M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	70.40 (G) 71.05 (M)
Federation University G – Gippsland Campus MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	n/p (G) n/p (MH)
La Trobe University M – Melbourne Campus Be – Bendigo	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	65.35 (M) 67.00 (Be)
Monash University C – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	85.00 (C)
RMIT University C/B – City & Bundoora C – City	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics. Bachelor of Engineering (Honours) accepts 20 in any Maths	81.35 (C/B) 75.00 (C) ^^
Swinburne University H – Hawthorn Campus *Professional Degree	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	72.00 (H) 75.20* (H)
Victoria University FP – Footscray Park **Not Foundation Mathematics	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics **	n/p (FP)

Visit [VTAC](#) for more information on these and other similar courses – including double-degrees.



According to the **Good Universities Guide** –

[Chiropractors](#) diagnose and treat health problems related to the nervous, muscular and skeletal systems, particularly the spine, without the use of drugs or surgery. They adjust patients' spine or other joints to correct joint dysfunctions interfering with proper nervous system control and integration of body function.

[Osteopaths](#) diagnose, treat and provide preventative advice about disorders that affect the body's musculoskeletal system, using manual techniques to alleviate stresses and dysfunction to improve the body's function. They treat patients using a variety of manual techniques, such as soft tissue stretching, muscle relaxation, gentle mobilisation or manipulation

[Massage Therapists](#) assess and treat the soft tissue of the body for therapeutic purposes. They administer treatments to promote relaxation, improve blood circulation and relieve muscle tension.

There are courses in Victoria that prepare students for careers in these three disciplines, and some of these are listed below. For a comprehensive list of these offered by all institutions, as well as similar courses, browse [VTAC](#).

INSTITUTION	COURSE	VCE REQUIREMENTS	ATAR 2023
Chisholm TAFE	<u>Remedial Massage</u>	Satisfactory completion of a Year 12, and 18 years old on commencement of the course.	n/p
Endeavour College of Natural Health	<u>Remedial Massage</u>	Satisfactory completion of a Year 12.	n/p
TAFE Gippsland	<u>Remedial Massage</u>	Satisfactory completion of a Year 12, and 18 years old on commencement of the course.	n/p
RMIT	<u>Chiropractic</u>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.70
	<u>Osteopathy</u>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	62.05
	<u>Remedial Massage</u>	Satisfactory completion of a Year 12, and 17 years old on commencement of the course.	n/p
Victoria University **Not Foundation Mathematics	<u>Osteopathy</u>	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, any Mathematics** or Physics.	62.30
	<u>Remedial Massage</u>	Satisfactory completion of a Year 12.	n/p



COMMERCE DEGREES IN 2023



Students will note that in many cases the majors offered in commerce degrees are similar to those offered in business degrees. One particular difference between a business degree and a commerce degree is often the VCE maths prerequisite entry requirement.

For a comprehensive list of all courses, their majors and double degrees on offer, visit [VTAC](#)

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2023	ATAR 2023
ACU M – Melbourne	Commerce	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting, Event Management, Finance, Human Resource Management, Informatics, Management, Marketing.	61.10 (M)
DEAKIN G – Geelong Waterfront M – Melbourne W – Warrnambool	Commerce	Units 3 and 4: a study score of at least 25 in English (EAL) or 20 in English other than EAL	Accounting, Business analytics, Economics, Emerging technology, Entrepreneurship, Event management, Finance, Financial planning, Global and social impact, Human resource management, International business, International trade, Management, Management information systems, Marketing, People management, Production management, Project management, Property investments, Recruitment and talent acquisition, Retail management, Social entrepreneurship, Wealth management.	70.40 (G) 80.00 (M) 65.55 (W)
LA TROBE M – Melbourne	Commerce	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Business analytics, Economics, Finance, Management, Marketing.	80.05 (M)
MONASH Cl – Clayton	Commerce	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Accounting, Actuarial studies, Behavioural commerce, Business analytics, Business law (minor), Econometrics, Economics, Finance, Management studies, Marketing science, Mathematical foundations of econometrics, Sustainability.	86.75 (CI)
UNI MELBOURNE P – Parkville	Commerce	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Accounting, Actuarial studies, Economics, Finance, Management, Marketing.	91.00 (P)



COMPUTER SCIENCE DEGREES IN 2023

Several Victorian universities offer **Computer Science degrees** and below is a list of many of these courses.

For a comprehensive list of all courses (including the many double-degree options) on offer at both TAFEs and universities, visit [VTAC](https://www.vtac.vic.edu.au).

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2023
DEAKIN M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. 2023 ATAR: 63.25 (M)	Algorithms, Artificial Intelligence, Cloud technologies, Computer science, Computer software, Computing systems, Computing systems integration, Cyber-physical computing, Data and information management, Data mining and machine learning, Data science, Embedded computing, Full stack development, Internet of things, Programming, Project management, Robotics, Sensors and data, Software design and development, System prototyping, Virtual and augmented reality.
LA TROBE M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics. 2023 ATAR: 61.75 (M)	Artificial intelligence, Cloud analytics, Data science, Software engineering.
MONASH CI – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics. 2023 ATAR: 82.05 (CI) Note: Monash also offers the Bachelor of Computer Science Advanced (Honours) at the Clayton Campus with the same prerequisite VCE subjects and ATAR 94.00	Algorithms and data structures, Artificial intelligence, Computational science, Computer architecture, Computer graphics, Computer programming, Computer science, Computing theory, Data science, Databases, Distributed systems and applications, Information and communication technology, Information technology, Machine learning, Programming, Software development, Systems development, Web and mobile development.
RMIT C – City Campus ** Professional degree	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics. 2023 ATAR: 73.35 (C) 2023 ATAR: 90.70 (C)**	Agile Software engineering, Algorithms and data structures, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Data Science, Databases, Enterprise systems, Internet, Machine Learning, Networks and data communications, Operating systems, Problem solving, Programming, Programming (.Net, Java, C++), Security, User-centred design.
SWINBURNE H – Hawthorn Campus ** Professional degree	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics. 2023 ATAR: 62.30 (H) 2023 ATAR: 70.35 (H) **	Artificial intelligence, Cybersecurity, Data science, Games development, Internet of Things, Software development.



CRIMINOLOGY AND PARALEGAL DEGREES IN 2023



Below are a number of **paralegal** courses on offer in Victoria. The prerequisite VCE subject is usually only an English.

Visit [VTAC](https://www.vtac.edu.au) for a comprehensive list including all double degrees on offer.

COURSE	UNI	MAJOR STUDIES IN 2023	ATAR 2023
Criminology & Criminal Justice	ACU	Criminology.	59.90 (M)
Criminology	DEAKIN	Crime, Crime prevention, Criminal behaviour, Criminal justice, Criminology, Criminology research methods, Criminology theory, Environmental crime, Media and crime, Organised crime, Policing, Psychology, Punishment, Risk, Security, Social science, Society, Surveillance, Terrorism, Transnational crime, Victimology, Violence.	60.10 (G) 60.05 (M)
Forensic Science		Analytical chemistry, Biochemistry, Chemistry, Chemistry (analytical), Chemistry (forensic), Chemistry (medical), Chemistry (organic), Criminology, Forensic analysis, Forensic biology, Forensic chemistry, Forensic investigation, Forensic science, Genetics, Hazardous materials and processes, Molecular and cell biology.	61.15 (G)
Forensic Science/Criminology		Analytical chemistry, Biochemistry, Chemistry, Chemistry (analytical), Chemistry (forensic), Chemistry (medical), Crime, Crime prevention, Criminal justice, Criminal justice administration, Criminology, Criminology research methods, Criminology theory, Ethics, Forensic analysis, Forensic investigation, Forensic science, Hazardous materials and processes, Justice, Legal studies, Media and crime, Molecular and cell biology, Organised crime, Policing, Psychology, Punishment, Research methods, Risk, Security, Surveillance, Terrorism, Transnational crime, Victimology, Violence.	65.20 (G)
Criminology and Criminal Justice	FEDERATION	Behavioural studies, Community and human services, Criminology and criminal justice, IT security, Sociology.	52.55 (Ba) 47.40 (Be) 48.25 (Gi)
Criminal Justice Management		Business, Criminal Justice, Criminology, Management.	n/p (B) n/p (G) n/p (Mt. H)
Criminology	LA TROBE	Criminology.	68.25 (B) 60.40 (M)
Criminology	MONASH	Crime, Crime and justice, Criminal justice system, Criminology.	75.00 (CI)
Criminology and Policing		Crime, Crime and justice, Criminal justice system, Criminology, Policing.	n/p (CI)
Criminal Justice	RMIT	Criminal justice systems, Criminal justice workplace learning, Criminal law, Criminology, International crime.	65.25 (C)
Criminology & Psychology		Corrections, Crime prevention, Criminal justice administration, Criminology, Customs, Forensic investigation, Forensic psychology, Global justice, Information security, Justice, Law (court processes), Law (criminal), Law (evidence), Law enforcement, Legal studies, Police studies, Psychological testing and assessment, Psychology, Psychology (cognitive), Psychology (developmental), Psychology (personality), Psychology (social), Psychopathology, Youth justice.	66.00 (C)
Legal and Dispute Studies		Dispute resolution and mediation, Human rights, Justice, Law, Law (civil and criminal procedure), Law (civil obligations), Law (criminal), Law (evidence), Law (family), Law (information), Law (labour relations), Legal practice, Legal studies, Organisational processes, Social sciences, Sociology.	65.25 (C)
Legal Practice (Paralegal) AD		Business and Corporate Law, Civil Procedure & Dispute Resolution, Contract Law, Criminal Law, Evidence Law, Family Law, Intellectual Property Law and Trade Practices, Land Law & Conveyancing, Legal Research, Paralegal, Probate and Administration, Tort Law, Wills.	43.15 (C)
Criminal Justice and Criminology	SWINBURNE	Advanced topics in criminology, Advanced topics in forensic psychology, Corrections systems and practice, Crime and punishment in the international context, Crime society and culture, Criminal law and process, Criminology theory and practice, Deviance difference and conformity, Introduction to forensic psychology, Introduction to law, Law and social science, Policing systems and practice, Psychology, Sentencing, Technological advances in dealing with crime, Youth justice and crime.	55.40 (H)
Criminal Justice	VICTORIA	Criminal justice.	n/p (F)
Criminal Justice & Psychological Sciences		Criminal justice, Psychology.	n/p (F)
Criminology		Criminology.	n/p (CQ)
Legal Services		Advanced legal services, Law profession.	n/p (C)(F)
Youth Work and Criminal Justice		Criminal justice, Youth work.	n/p (W)

Note: The University of Melbourne offers a *major in criminology* in its [Bachelor of Arts](#) degree (ATAR 85.00).



CYBER SECURITY COURSES IN 2023

One explanation for what cybersecurity might be is that **cyber security** is the protection of internet-connected systems, including hardware, software and data, from cyberattacks. In a computing context, **security** comprises **cyber security** and physical **security** -- both are used by enterprises to protect against unauthorized access to data centers and other computerized systems. **Below is a list of some of these, and students are encouraged to browse [VTAC](#) for a comprehensive list of all courses – including double-degrees – available.**

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2023
Box Hill Institute	Certificate IV in Cyber Security	n/a, but must successfully complete Year 12	Communication skills and problem solving, Cyber Security essentials, Firewall fundamentals, Incident response, Introduction to threat detection, Networking for Cyber Security technicians, Security Scripting, System Testing tools, Web site Penetration Testing.
Deakin University	Bachelor of Cyber Security	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Access control, Computer and network security, Computing, Cryptography, Data analytics, Database, Digital forensics, Hi-tech crime, Identity management and authentication, Information and communication technology, Information technology, Internet and web, Internet technology and security, Internet-of-things security, Network management and network systems, Network security, Penetration testing, Privacy, Public-key cryptography, Security analytics, Security and risk analysis, Security management, System and software vulnerabilities.
Holmesglen Institute	Certificate IV and Advanced Diploma of Cyber Security	n/a, but must successfully complete Year 12	Advance PEN testing, Australian cyber law, Cloud security, Collecting and analysing data to identify cyber threats and vulnerabilities, Cyber Security Industry Project, Cyber ethics and workplace legislation, Data forensics, Data threat analysis, Developing risk mitigation policies, Introduction to Pen Testing, Intrusion testing, Managing System Security, Network Security firewall configuration, Networking skills for Cyber Security, Programming skills for Cyber Security, Risk Management, Securing Websites, Securing virtual environments, Security monitoring & Incident response, Working and communicating in a Cyber Security Operations Centre.
La Trobe University	Bachelor of Cybersecurity	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Cybersecurity.
Melbourne Polytechnic	Certificate IV in Cyber Security	n/a, but must successfully complete Year 12	IOT scripting using Python, Networking concepts and protocols, Penetration testing, Securing a networked PC, Server and Network security.
RMIT University	Diploma of Information Technology (Cybersecurity)	n/a, but must successfully complete Year 12	Business Information Systems, Cyber Security, IT Project Management, Information Technology, Information systems management, Network Infrastructure, Security Architecture Design, Systems software, Technical support.
Swinburne University	Cert IV in Cyber Security	n/a, but must successfully complete Year 12	Automate processes, Develop a cyber security industry project, Install and manage a server, Manage network security, Manage the security infrastructure for the organisation, Monitor and administer security of an ICT system, Secure a networked personal computer, Test concepts and procedures for cyber security, Utilise basic network concepts and protocols required in cyber security, Write script for software applications.
	Bachelor of Computer Science	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	Cyber security ethics law and policy, IT security, Malware analysis, Network administration, Network routing principles, Network security and resilience, Networks and switching, Programming, Secure remote access networks, Web development.
Victoria University	Bachelor of Cybersecurity	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics*	Cyber security.
*Not 3/4 Foundation Mathematics			



DATA SCIENCE AND INFORMATION SYSTEMS DEGREES IN 2023



Data science combines multiple fields, including statistics, scientific methods, artificial intelligence (AI), and data analysis, to extract value from data.

Information Systems, an integrated set of components for collecting, storing, and processing data and for providing information and digital products.

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2023
Deakin University	Bachelor of Data Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Artificial intelligence, Computer systems, Data analytics, Data information and management, Data mining, Data science, Data wrangling, Discrete mathematics, Machine learning, Natural language processing, Predictive analytics, Programming, Secure networking.
Federation University	Bachelor of Information Technology (Business Information Systems)	Units 3 and 4: a study score of at least 20 in any English.	Business information systems.
Holmesglen Institute	Bachelor of Information Systems	n/a, but successful completion of Year 12 <u>and</u> ATAR is used as part of selection.	Amazon Web Services (AWS), Azure, Business Analysis and Design, Business Decision Analysis, Business Transformation and Innovation, C# programming, Cloud Computing, Communication and Teamwork, Cyber Security, Database Design, Database Systems, Enterprise Systems, IT Ethics, Information Security, Information Systems, Java Programming, MVC, MYSQL, Networking, Object Oriented Programming, Project Management, Responsive Web Programming, System Support and Testing, Virtualisation.
Monash University	Bachelor of Applied Data Science	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Anatomy and developmental biology, Applied and statistical mathematics, Astronomy, Biochemical science, Biological science and genetics, Biomedical science, Business analytics, Business information systems, Chemical sciences, Computer Science, Computer systems engineering, Crime and society, Cybersecurity, Data challenges, Data science, Digital media, Discrete mathematics, Drugs and society, Earth and atmospheric sciences, Economics, Geography and the environment, Language and society, Marketing science, Mathematics, Microbiology, Mobile apps development, Modelling with differential equations, Molecular and cell biology, Pharmacology, Physics, Physiology, Social research, Software development, Statistical modelling.
RMIT University	Bachelor of Data Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Analytics, Big Data, Data analysis, Data mining, Data science, Data warehousing, Data wrangling, Database, Ethics, Forecasting, Information retrieval, Legal issues, Machine learning, Privacy, Programming, Statistical computing, Statistics.
	Bachelor of Business (Information Systems)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Blockchain Enabled Business, Business & Technology, Business Information Systems, Economics, Entrepreneurship, Finance, Financial Planning, Global Business, Innovation & Enterprise, Logistics & Supply Chain, Management & Change, Marketing, People & Organisation, Social Impact.
Swinburne University	Bachelor of Data Science	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics.	Big data architecture and application, Cloud computing architecture, Computer systems, Data visualisation, Networks and switching, Object oriented programming, Software architectures and design, Software deployment and evolution.
Victoria University	Bachelor of Data Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Data Analytics for Cyber Security, Data Science Fundamentals, Machine Learning and Data Mining, Predictive Analysis, Software Development, Web and Cloud Application Development.

* New [Bachelor of Data Science](#) in 2023



DENTAL TECHNOLOGY AND ORAL HEALTH COURSES IN 2023



Dental technicians construct and repair dentures (false teeth) and other dental appliances, including crowns, bridges and orthodontic appliances (Good Careers Guide)

Oral health therapists diagnose dental decay and gum diseases, work together with dentists to provide routine oral health care for children and adults, and also help to promote oral health and preventive dental practices among school children and the broader community (Good Careers Guide)

Both of these professionals work together with dentists and dental surgeons.

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2023
Charles Sturt University (Wagga Wagga, and also taught at Holmesglen Institute, Chadstone Campus)	Bachelor of Oral Health (Therapy and Hygiene)	n/a, but but satisfactory completion of Year 12 <u>and</u> ATAR is used as part of selection	Oral Hygiene, Oral Therapy.
Holmesglen Institute (Chadstone Campus)	Diploma of Dental Technology	n/a, but satisfactory completion of Year 12	Appliance Design Techniques, Computer Aided Design (CAD), Computer Aided Manufacturing (CAM), Dental Material Science, Structures of the Oral Cavity.
La Trobe University (Bendigo Campus)	Bachelor of Oral Health Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	Dental hygiene, Dental therapy, Evidence based oral health practice, Oral health science, Preventive dentistry.
RMIT University (City Campus)	Diploma of Dental Technology	Satisfactory completion of Year 12	Complete and Partial Dentures, Crown and Bridge, Mouthguards, Orthodontics.
University of Melbourne (Parkville Campus)	Bachelor of Oral Health	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	Oral health sciences, Preventive and clinical dentistry, Social sciences and health promotion, Vocational clinical practice.



ELECTRICAL ENGINEERING DEGREES IN 2023



Electrical engineers design, develop and supervise the manufacture, installation, operation and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation and control of electric power. They also work on electronic systems used for computing, communications and other industrial applications. (Good Universities Guide)

Electrical Engineering involves the design and study of electronics, power, and electrical systems. Electrical Engineering deals with the problems associated with large-scale electrical systems such as power transmission and motor control.

Read more at [Good Universities Guide - Electrical Engineer](#)

Electrical engineering degrees are offered at several Victorian universities, and students are encouraged to browse [VTAC](#) for a comprehensive list of courses.

INSTITUTION	VCE PREREQUISITE SUBJECTS	ATAR 2023
Deakin University G – Geelong Warrn Ponds M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	74.15 (G) n/p (M)
Federation University B – Ballarat Campus	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	n/p (B)
Monash University CI – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	85.00 (CI)
RMIT University Electrical	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	81.20 (C)
Electronic & Computer Systems Engineering	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	81.00 (C)
Engineering (Honours) C – City Campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	75.00 (C)
Swinburne University Engineering	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	72.00 (H)
Engineering (Professional) H – Hawthorn Campus	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	75.20 (H)
Victoria University F – Footscray Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	n/p (F)



ENGINEERING DEGREES IN 2023



Listed below are over 35 engineering bachelor's degrees offered at most universities in Victoria. Students should note that unless otherwise indicated* all engineering degrees require at the very least an *English or EAL, and Maths: Mathematical Methods (CAS) or Specialist Mathematics*. Courses with an [^] also require *Chemistry or Physics*.

For a comprehensive list of all courses, their prerequisites and double degrees on offer, visit [VTAC](#).

Another useful website to browse is [Engineers Australia](#) – the accreditation authority for tertiary engineering education in Australia and overseas.

INSTITUTION	COURSE	MAJOR STUDIES IN 2023	ATAR 2023
DEAKIN M – Melbourne G – Warrn Ponds	Civil	Civil engineering management, Computer-aided design (CAD), Construction, Engineering, Engineering (civil), Engineering (fluid), Engineering design, Geotechnical engineering, Materials engineering, Structural engineering, Transportation, Water resources engineering.	71.05 (M) 70.40 (G)
	Electrical & Electronics	Circuits and electronics, Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, Embedded systems, Energy efficiency and demand management, Engineering, PLC and SCADA, Power system protection, Power systems, Renewable energy, Smart distributions and transmission systems, Smart grid, Systems and signals.	n/p (M) 74.15 (G)
	Environmental	Ecology, Engineering, Environmental chemistry, Environmental engineering, Environmental protection and management, Hydrology, Sustainable infrastructure engineering, Waste management, Water engineering.	69.15 (G)
	Industry	Civil engineering, Electrical and electronics engineering, Mechanical engineering, Mechatronics engineering.	n/p (G)
	Mechanical	Computer-aided design (CAD), Computer-aided engineering (CAE), Control systems, Dynamics, Engineering, Engineering (mechanical), Engineering design, Engineering mathematics, Engineering modelling, Fluid mechanics, Machine design, Materials engineering, Mechanical design, Product development, Project management, Solid mechanics, Stress analysis, Structural engineering, Thermodynamics.	70.15 (M) 65.10 (G)
	Mechatronics	3D printing, Advanced manufacturing, Artificial intelligence, Circuits and electronics, Computer-aided design (CAD), Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, Engineering, Engineering (mechanical), Engineering (mechatronic), Mechanical design, Mechatronics design, Robotics, Virtual and augmented reality.	69.70 (M) 65.55 (G)
	Software	Artificial intelligence, Computer software, Cyber security, Cyber-physical systems, Data analytics, Data capturing technologies, Data structures and algorithms, Database programming, Embedded systems development, Information technologies research, Internet-of-Things, Object-oriented programming, Programming, Robotics Applications, Robotics software, Software architecture, Software design, Software engineering, Software testing, Usability and user experience engineering, Web application development.	66.80 (M)
FEDERATION G – Gippsland B – Ballarat	Civil	Civil Engineering.	n/p (G) n/p (B)
	Electrical & Information Engineering	Electrical and Information Engineering.	n/p (B) n/p (G)
	Mechanical	Mechanical Engineering.	n/p (B)
	Mining	Mining Engineering.	n/p (B)
LA TROBE M – Melbourne B – Bendigo *Any Maths	Civil *	Civil engineering.	65.35 (M) 67.00 (B)
	Industrial Engineering *	Engineering (industrial).	65.55 (M) 65.60 (B)
	Engineering Technology * (Associate Degree)	Engineering technology.	n/p (M)
MONASH Cl – Clayton	Engineering ^	Aerospace engineering, Chemical engineering, Civil engineering, Electrical and computer systems engineering, Engineering, Environmental engineering, Materials engineering, Mechanical engineering, Robotics and Mechatronics Engineering, Software engineering.	85.00 (Cl)
	Biomedical ^	Biomedical Engineering.	85.85 (Cl)
RMIT C – City C/B – City & Bundoora	Engineering *	Advanced manufacturing, Aerospace engineering, Automotive engineering, Biomedical engineering, Chemical engineering, Civil engineering, Computer engineering, Electrical engineering, Electronic engineering, Environmental engineering, Mechanical engineering, Mechatronics engineering, Sustainable engineering, Telecommunications engineering.	75.00 (C)

RMIT C – City C/B – City & Bundoora * Any maths	Advanced Manufacturing & Mechatronics	Advanced Manufacturing Engineering, Engineering, Mechatronics Engineering.	80.30 (C/B)
	Aerospace	Aerospace engineering, Engineering.	80.55 (C/B)
	Biomedical *	Biomaterials, Biomechanics, Biomedical Design and Practice, Biomedical Electronics, Biomedical Engineering, Biomedical Instrumentation & Electronics, Biomedical Signal Analysis & Image Processing, Engineering, Lab-on-a-chip technology.	80.50 (C/B)
	Chemical ^	Chemical Engineering, Engineering, Environmental Engineering, Minerals and Metallurgical Processing, Water Treatment.	80.05 (C)
	Civil & Infrastructure	Civil Engineering, Civil and Infrastructure Engineering, Engineering, Infrastructure Engineering.	81.35 (C/B)
	Electrical *	Control Automation, Electrical engineering, Energy Conversion, Engineering, Power Systems, Smart Energy systems.	81.20 (C)
	Electronic & Computer Systems *	Computer Systems Engineering, Defence Systems, Digital Signal Processing, Electronic Devices and Systems, Electronic Sensors and Controllers, Embedded Systems, Network Engineering, Network Security, Wireless and Optical Communications.	81.00 (C)
	Environmental *	Engineering, Environmental Engineering, Hydrogeology, Water Engineering.	81.55 (C/B)
	Mechanical *	Automotive Engineering, Engineering, Mechanical Engineering.	81.50 (C/B)
	Software Engineering	Agile software development, Algorithms and data structures, Artificial intelligence, Cloud Computing, Computer architecture, Computer operating systems, Database systems, Industrial collaboration and experience, Networks and data communications, Object-oriented design & modelling, Object-oriented programming & software engineering, Operating systems, Problem solving, Programming (C, Java), Project management, Software development, Software engineering.	82.15 (C)
	Sustainable Systems *	Engineering, Renewable Energy, Sustainability, Sustainable Transport, Sustainable systems engineering, Systems Engineering.	83.05 (C/B)
	Engineering Technology * (Associated Degree)	Advanced manufacturing, Aerospace, Aircraft systems, Civil engineering, Communication systems, Computer application, Computer-aided design (CAD), Electrical engineering, Electronics, Engineering (materials), Engineering (structural analysis and design), Industrial studies, Mechanical engineering, Mechanics (solids), Mechanics (thermo-fluids), Microprocessor control systems, Network security, Process control, Telecommunications (systems and network).	40.85 (C)
SWINBURNE H – Hawthorn # Professional Degree * Any maths	Engineering	Architectural engineering, Biomedical engineering, Civil engineering, Electrical and electronic engineering, Mechanical engineering, Product design engineering, Robotics and mechatronics, Software engineering.	72.00 (H) 75.20 (H) #
	Engineering * (Associated Degree)	Calculus and applications, Computer-aided drafting, Digital and data systems, Electronics and electromagnetism, Energy and motion, Engineering design and innovation, Engineering materials, Linear algebra and applications, Mechanics of structures, Project management practices.	49.95 (H)
VICTORIA FP – Footscray Park * Engineering degrees at VU require <u>any maths</u>	Architectural *	Architectural Engineering, Architecture.	n/p (FP)
	Civil *	Engineering (Civil engineering).	n/p (FP)
	Electrical and Electronic *	Engineering (Electrical and Electronic Engineering).	n/p (FP)
	Mechanical *	Engineering (Mechanical Engineering).	n/p (FP)

Note: Where ANY MATHS* is indicated, it refers to Further Maths (General Maths from 2024 entry onwards), Maths Methods, and Specialist Maths.

Note: Students considering studying **Engineering** at the **University of Melbourne**, will be required to first complete one of the following bachelor degrees and then go on to postgraduate studies in Engineering.

The bachelor courses are:

B Biomedicine, B Commerce, B Design, and B Science. Two useful links to browse are

<https://study.unimelb.edu.au/find/pathways/engineer/> and <https://study.unimelb.edu.au/study-with-us/guaranteed-undergraduate-to-graduate-study-pathways/graduate-degree-packages>.



ENVIRONMENTAL SCIENCE DEGREES IN 2023



Environmental scientists measure and record features of the environment and study, assess and develop methods of controlling or minimising the harmful effects of human activity on the environment. There are a number of Environmental Science or related courses on offer, many of which are listed below.

Environmental science is often offered as a major in science degrees.

This is the case at [Monash University - Science](#) and [Uni Melbourne - Science](#).

For a comprehensive list of all courses featuring environmental studies, their prerequisites and double degrees on offer, visit [VTAC](#)

INSTITUTION	COURSE	VCE PREREQUISITES	MAJOR STUDIES IN 2023
CHARLES STURT	Environmental Science and Management	n/a but a successful completion of Year 12 is required.	Applied Earth Science, Aquatic Ecosystems, Climate and Sustainability, Ecology and Conservation, Parks, Recreation and Heritage.
DEAKIN	Environmental Science (Environmental Management and Sustainability)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied data analytics, Biology, Bushfire management, Catchment management, Coastal and marine management, Conservation biology/ecology, Ecological studies, Ecology, Ecosystem management, Ecotourism, Environmental health, Environmental impact assessment, Environmental management, Environmental policy and planning, Environmental project management, Environmental protection, Environmental science, Environmental social science, Global engagement, Indigenous studies, Land management, Natural resources management, Nature conservation, Parks and reserve management, Plant and animal biology, Pollution control, Professional practice, Research methods, Resource efficiency, Science, Sustainability, Waste management, Water resources management, Wildlife management.
FEDERATION	Environmental and Conservation Science	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of any Mathematics or any Science.	Environmental and Conservation Science.
RMIT	Environmental Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Catchment management, Conservation, Ecology, Environmental analysis, Environmental biology, Environmental chemistry, Environmental engineering, Environmental monitoring, Environmental policy and management, Geospatial science, Recycling.
	Environment and Society	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Applied environmental research, Climate change responses, Environmental assessment and monitoring, Environmental economics, Environmental representations and communications, Environmental thought and action, Environmental work placements, Global politics and economics, Indigenous Peoples and land management, Natural resource management, Policy practice, Power and governance, Sustainability, Urban and regional planning, Urbanisation.
	Geospatial Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Applied geospatial technologies, Cartography, Distributed mapping and visualisation, Earth observation systems, Geographic Information Systems, Geospatial information science, Geospatial intelligence, Surveying.
VICTORIA	Science (Biotechnology OR Ecology and Environmental Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	Biotechnology, Ecology and environmental management.



EVENT MANAGEMENT COURSES IN 2023



The Good Universities Guide indicates that an **event planner** or **event coordinator** plans and organises special events, including parties, wedding receptions, product launches, banquets, sporting events, meetings, conferences, and conventions. Successful event planners –

- enjoy working with people
- good organisational and time management skills
- have every attention to detail
- good interpersonal and supervisory skills
- good communication skills
- neat personal appearance
- comfortable working with computers
- able to negotiate, delegate and work under pressure

Depending on the size of the establishment, events coordinators may work independently or as part of a team. They often work irregular hours, and on weekends and public holidays. **Learn more at [Good Universities Guide - Events](#).** For a comprehensive list of all events courses offered by all Victorian institutions, visit [VTAC](#)

There are a number of institutions in Victoria that offer courses, or majors, in event management, and some of these include –

INSTITUTION	COURSES IN 2023	VCE ENTRY REQUIREMENTS
Deakin University	Bachelor of Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
Holmesglen Institute	Diploma of Event Management	Successful completion of Year 12
	Diploma of Sport with Diploma of Event Management	Successful completion of Year 12
La Trobe University	Bachelor of Business	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
	Bachelor of Business (Event Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
Melbourne Polytechnic	Bachelor of Hospitality Management	Successful completion of Year 12 VCE or equivalent with no specified minimum ATAR score and a study score of at least 20 in any English.
	Diploma of Live Production and Technical Services	Successful completion of Year 12
Swinburne University	Diploma of Event Management	Successful completion of Year 12
Victoria University	Diploma of Event Management	Successful completion of Year 12
	Bachelor of Business (Event Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.
William Angliss Institute	Diploma of Event Management	Successful completion of Year 12
	Associate Degree in Event Management	Successful completion of Year 12 and ATAR is used for selection
	Bachelor of Event Management	Successful completion of Year 12 and ATAR is used for selection



EXERCISE SCIENCE & SPORT DEGREES IN 2023



Many of the courses listed below provide an accredited pathway for graduates to be eligible to register and practise as an Accredited Exercise Scientist with Exercise and Sports Science Australia (ESSA). They are also often used as pathways to post-graduate study in courses such as the *Master of Clinical Exercise Physiology*, *Graduate Diploma or Master of Applied Sport Science*, *Graduate Certificate of Strength and Conditioning*, *Graduate Certificate of Sport Performance*, to name a few.

UNIVERSITY	COURSES	VCE PREREQUISITE SUBJECTS IN 2023	ATAR 2023
<u>ACU</u> M - Melbourne	Exercise & Sport Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	62.10 (M)
	High Performance Sport	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	59.00 (M)
<u>DEAKIN</u> M – Melbourne G – Geelong Waurin Ponds # Sports Science School ranked 1 st in the world	Business (Sport Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	80.15 (M)
	Exercise & Sport Science #	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	62.05 (G) 70.00 (M)
	Sport Development	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	60.15 (M)
<u>FEDERATION</u> Mt.H – Mt. Helen, Ballarat	Exercise & Sport Science	Units 3 and 4: a study score of at least 20 in any English; Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics.	41.10 (Mt H)
<u>LA TROBE</u> B – Bendigo M - Melbourne	Business (Sport Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	n/p (B) 56.75 (M)
	Exercise Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, any Mathematics, Physical Education or Physics.	67.00 (B)
	Sport and Exercise Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	90.00 (M)
	Sport Coaching & Development	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in two of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education or Physics.	51.15 (M)
<u>SWINBURNE</u> H - Hawthorn	Exercise and Sport Science	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	57.20 (H)
<u>VIC UNI</u> F – Footscray F/ S.A – Footscray / St. Albans	Biomedical & Exercise Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in two of Biology, Chemistry, Health And Human Development, any Mathematics or Physical Education.	76.45 (F/ S.A)
	Exercise Science – Clinical Practice	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	n/p (F)
	Exercise Science – Sport Practice		63.35 (F)
	Sport Management		n/p (F)
	Sport Science		n/p (F)

For a comprehensive list of courses, including double degrees, on offer at both TAFEs and universities, visit [VTAC](#).



FASHION, TEXTILES, & VISUAL MERCHANDISING COURSES IN 2023



Numerous Victorian universities and TAFE institutions offer courses in *fashion*, *fashion & textiles*, and *visual merchandising*. Entry into many of these courses requires a **folio presentation**. Some of these courses are listed below, but for a comprehensive list of courses at all institutions including Private Providers - such as [Collarts](#), [LCI Melbourne](#), [Whitehouse Institute of Design](#), and [Torrens University](#) - and their specific entry requirements, please visit [VTAC](#).

INSTITUTION	COURSE	MAJOR STUDIES IN 2023
Box Hill Institute	Bachelor of Design (Fashion Design)	Collaborative Communication, Creative Design Processes, Digital CAD Principles, Introduction to Digital Marketing, Sustainable Design Practice.
	Diploma of Visual Merchandising	CAD, Concept development, achieve targets, colour, design displays, design history, develop style guides, drawing, photo shoots, signage, space and product planning, styling of visual components, workplace health & safety.
Holmesglen Institute	Bachelor of Fashion Design	Business Marketing, Industry Techniques, Innovative Design, Pattern engineering, Sustainability and Ethical Practice.
	Certificate IV in Clothing Production	Colour Theory, Computer Aided Design Tools, Design Studio Concepts, Garment Construction, Networking with Industry, Pattern Development, Product Sourcing.
Kangan Institute	Applied Fashion Design and Merchandising	Computer-aided design (CAD), Fabric and fibre technology, Fabric technology, Fashion, Fashion (design concepts), Fashion (design), Fashion (illustration), Fashion (pattern grading), Garment construction techniques, Marketing research, Marketing strategy, Networking, Pattern-making, Pattern-making (computer), Quality assurance, Quality control.
RMIT University	Bachelor of Fashion Design	Fashion communication, Fashion design, Fashion design industry techniques, Fashion design practice, Fashion materials, Fashion presentation, Fashion production, Fashion studies, Fashion sustainability.
	Associate Degree in Fashion Design and Technology	Computer-aided design (CAD), Computer-aided pattern making, Fashion design, Garment construction, Patternmaking, Product specifications, Production planning, Supply chain management, Sustainable Practices in the fashion industry.
	Diploma of Fashion Styling	Business practices for fashion stylists, Catalogue styling, Editorial styling, Event management and styling, Fashion trend analysis, Personal styling, Project Management, Styling for still and moving images.
	Bachelor of Fashion & Textiles (Sustainable Innovation)	Digital technology, Fashion technology, Fashion wearables, Materials innovation, Smart textiles, Sustainability, Sustainable fashion and textiles, User centred design.
	Associate Degree in Fashion and Textiles Merchandising	Computer-aided design (CAD), Digital strategies for fashion, Distribution and logistics, Fashion business, Fashion marketing, Fashion materials, Global impacts in fashion, Global marketing, Industry research, Merchandise planning, Merchandise retail management, Product development (TCF), Product ranging.
	Bachelor of Textiles (Design)	Sustainable and ethical design practices, Textile and fashion structures, Textile and fashion studies, Textile communication, Textile design, Textile design practice, Textile industry practice, Textile materials, Textile surfaces.
	Cert IV in Textile Design, Development and Production	Computer-aided design (CAD), Design and production (Textiles), Drawing, Experimental textiles, Fibres and fabrics, Machine knitting, Marketing, Screen printing, Sustainable practices in textiles, Textile design and application of colour theory, Textile design influences, Textile design specifications, Weaving.
	Bachelor of Fashion Enterprise	Fashion buying, Fashion eCommerce, Fashion logistics, Fashion marketing, Fashion merchandising, Fashion product management, Fashion retailing.
	Diploma of Visual Merchandising	2D drawing, design and concept development, 3D design and construction, Colour impact, Computer-aided drawing (CADD), Interpreting sales data to extract insights, Photostyling, Planning and Styling for events and activations, Technical drawing and Illustration, Visual merchandise display and presentation.
Swinburne University	Diploma of Visual Merchandising	Achieve visual merchandising targets, Contribute to workplace health and safety, Design and install merchandise signage, Design and install visual merchandising displays, Develop visual merchandising creative concepts, Implement visual merchandising concepts, Produce drawings to communicate ideas, Style using visual merchandising aids.



FILM & TELEVISION COURSES IN 2023



There are a number of institutions offering film and/or television courses in Victoria, and some of these courses are included below. For a comprehensive list, including those offered by TAFEs and other private colleges, visit [VTAC](https://www.vtac.edu.au/).

Note: For the most part, an English or EAL is the only prerequisite VCE subject, and often entry into these courses involves submission of a folio and/or participation in an interview.

Students are encouraged to browse the provided links for exact details about each course.

INSTITUTION	COURSE	MAJOR STUDIES IN 2023
Deakin University	Bachelor of Film, Television and Animation	Animation (major only), Animation and motion graphic (minor only), Film studies (minor only), Producing screen content, Screen content production (minor only), Screen production (major only), Scriptwriting (minor only), Visual effects and virtual production (minor only).
JMC Academy	Bachelor of Creative Arts (Film and Television)	Broadcasting, Camera Operation, Camera and Lighting, Cinematography, Directing (Film), Directing (Television), Documentary Production, Film Audio, Film Composition, Film Editing, Filmmaking, Industry and Professional Development, International Cinema, Lighting Design, Mise en scene, Motion Graphics, Multi-cam Broadcasting, Music Videos, Popular Culture, Post Production, Producing (Film), Producing (Television), Screen History, Screen and Genre Studies, Screenwriting, Short Films, Sound Design, Sound Recording and Design, Television Broadcasting, Television Studio Production.
RMIT University	Bachelor of Communication (Media)	Asian media and culture, Audio production, Cinema studies, Community media production, Film production, Internet and multimedia, Literature, Live media, Media, Media industries, Media production, New media, Non-profit media production, Online media production, Politics and communication, Popular culture, Radio production, Social media management, Social media marketing, Social media production, Television production, Video production.
	Associate Degree in Screen and Media Production	Camera production, Cinema studies, Compositing and animation, Digital audio and video production, Digital media, Digital television production, Digital video, Directing (television), Documentary production, Editing, Emerging media practices, Film and media studies, Film and television (production), Genre studies, Management, Post production, Production lighting, Production planning, Professional practices, Screen studies, Screenwriting, Sound recording and production, Storytelling, Television and broadcasting, Visual effects.
SAE Creative Media	Bachelor of Film (Post-production or Production)	Post-production (editing, compositing, and colour grading), Production (directing or producing).
	Associate Degree in Film	Story concept development, screenwriting and drafting, creative production approaches, aesthetics and techniques, post-production methods and techniques, production and post-production workflows, film, media and cultural studies, history and theory, project management, business and leadership skills, employability skills in screen industry contexts, screen industry best practices.
Swinburne University	Bachelor of Film and Television (Honours)	Cinematography and lighting, Digital post-production techniques, Documentary production, Film and television production, Genre and the moving image, Hollywood cinema, Motion graphics, Photography, Post-production and digital outcomes, Post-production and editing, Production management, Production techniques, Screen literacy and contemporary cinema, Scriptwriting and directing, Sound design and acquisition, The Australian Screen.
	Bachelor of Screen Production	Breaking the screen, Digital narratives, Digital post-production techniques, Digital video and audio, Episodic narratives for online platforms, Experimental screen production, Introduction to digital imaging, Post-production and editing, Pre-visualisation for screen, Production for digital platforms, Radio audio and podcasting, Screen franchising and innovation, Sound design and acquisition, Sound design for screen.
University of Melbourne	Bachelor of Fine Arts (Film and Television)	Actor direction, Film projects, Screen studies, Screenwriting.
Victoria University	Bachelor of Screen Media	Screen media.



GAMES DESIGN COURSES IN 2023



Games Design courses are offered at a number of universities in Victoria. *Often, they are specialised courses, other times games design is offered as a major in Computer Science and/or Information Technology degrees (see separate Matrices).* Some courses have a specific maths requirement, so students are encouraged to browse the links provided.

A number of these bachelor courses are included below, but for a comprehensive list, including all those offered by TAFEs and Private Institutions, visit [VTAC](#).

INSTITUTION	COURSE	MAJOR STUDIES IN 2023
JMC Academy	Bachelor of Creative Arts (Games Design)	Art History, Art and Animation History, Character Modeling, Character design (2D), Clay sculpture, Colour and Design, Concept Art, Concept Development, Digital Sculpture, Digital concept art, Drawing, Environment Design (2D), Figure modelling, Game Design, Game Studies, Game asset creation (3D) , Game engine scripting [Programming], Game production, Game-play mechanics, Interactive Multimedia, Level design (Games), Motion Capture, Motion Graphics, Pixel art, Production (Games), Prototyping, Rendering, Scriptwriting, Sprite animation (2D), Studio skills, User Interface Design (Games).
RMIT University	Bachelor of Design (Games)	3D design, Arts (contemporary), Digital art and design, Entrepreneurship, Games design, Games development, Games programming, Games technology, Graphic design.
	Bachelor of Design (Digital Media)	App design, Augmented reality, Design, Digital audio, Digital distribution, Digital media, Digital product design, Digital video, Interactive media, Interface design, Internet and multimedia, Motion graphics, Projection mapping, Sound design, Sound effects, Special effects, User experience design, Video post-production, Virtual reality, Visual effects, Web design.
SAE Creative Media Institute	Bachelor of Games Development (Games Design or Games Programming)	Game Design, Game Programming.
	Associate Degree in Games Development	Game design principles, game scripting and game engine architecture, game asset production and visual effects, prototyping, user interface design, user experience and user testing, project management, business and leadership skills, employability skills in screen industry contexts, games industry best practices.
Swinburne University	Bachelor of Games and Interactivity	3D modelling and animation, Audio and video production, Game design, Games development, Games technology, Narrative design, User experience design.
	Bachelor of Games and Interactivity / Bachelor of Animation	2D and 3D production techniques for animation, 3D modelling for objects and environments, Acting for animation, Action analysis and locomotion, Behaviour and motivation in games, Character and environment design, Character animation, Development and pre-production, Digital game prototyping, Genre and the moving image, History of animation, Pervasive game design, Physics of games and animation, Principles of game design, Production and post-production, Production management for animation, Screen writing, Sound design and acquisition, User-centred design and evaluation, Writing and directing for animation, Writing for interactive narratives.
	Bachelor of Games and Interactivity/Bachelor of Applied Innovation	3D modelling and animation, Audio and video production, Game design, Games development, Games technology, Narrative design, User experience design.
	Bachelor of Games and Interactivity / Bachelor of Computer Science	Artificial intelligence, Cybersecurity, Data science, Games and interactivity, Games development, Internet of Things, Software development.



GLOBAL AND INTERNATIONAL STUDIES DEGREES IN 2023



Many universities in Victoria offer courses that include major studies in *international studies*, *global studies*, *international relations*, *policy studies*, *politics*, etc. that students keen on a career as a diplomat, or working in government or NGO's, might be keen on studying. Students should note that the prerequisite VCE subject for most of the degrees listed below is only an English or EAL, although two courses a Monash do require a maths as well *.

For a comprehensive list of all relevant courses (including the many other double-degree options) on offer at universities, visit [VTAC](#)

UNIVERSITY	COURSE	MAJOR STUDIES IN 2023
ACU	Arts/Global Studies	Business Studies, Criminology, Drama, Economics, English, History, Mathematics, Media, Music, Philosophy, Politics and International Relations, Psychology, Sociology, Study of Religions/Theological Studies, Visual Arts.
	International Development Studies	International Development Studies.
Deakin	Arts/Master of International Relations	Animation, Anthropology, Arabic, Chinese, Criminology, Design thinking, Education, English - children's literature, English - creative writing, English - literature, Film and television studies, Gender and sexuality studies, History, Indigenous studies, Indonesian, International relations, Media and communication, Media studies, Performing arts, Philosophy, Politics and policy studies, Public relations studies, Religious studies, Social media, Sociology, Spanish, Sport and society, Sport journalism, Strategic advertising, Visual arts and photography, Visual communication design, Web design.
	International Studies (Global Scholar)	Anthropology, Arabic, Chinese, Indonesian, International relations, Politics and policy studies, Spanish.
	International Studies	Anthropology, Arabic, Chinese, Global experience, Indonesian, International relations, Politics and policy studies, Spanish.
La Trobe	Global Studies	Asian politics and security, Chinese studies, Conflict and negotiation, French studies, Government and policy, Greek studies, Hindi studies, Human rights, International relations, Italian studies, Japanese studies, Spanish studies, Sustainability and development.
	Politics, Philosophy and Economics (PPE)	Economics, Philosophy, Political Economy, Political Philosophy, Politics.
Monash	Global Studies	Cultural competence, Global studies, Human rights, International relations, International studies, Languages.
	Politics, Philosophy, and Economics (PPE) *	Economic analysis, Economics, Philosophy, Politics and governance.
	Politics, Philosophy and Economics (PPE)/Arts *	Anthropology, Archaeology and ancient history, Arts, Behavioural studies (minor), Bioethics (minor), Chinese studies, Communications and media studies, Criminology, Critical performance studies (minor), Economic analysis, Economics, European languages (French, German, Italian, or Spanish and Latin American), Film and screen studies, Gender studies, Global Asia, Health humanities, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics and English language, Literary studies, Music, Philosophy, Politics, Politics and governance, Psychology, Social science, Sociology.
RMIT	International Studies	Arms control, Cross cultural studies, Cultural diversity, Development studies, Gender studies, Global security, Globalisation, History, Human rights, Humanitarian assistance, International development, International economics, International law, International relations, International studies, Language and literacy, Languages and culture studies, Politics and policy studies, Social research methods.
	International Studies (Development)	Arms control, Cross cultural studies, Cultural diversity, Development studies, Gender studies, Global political economy, Globalisation, History, Human rights, Humanitarian affairs, Indigenous studies, International development assistance, International law, International relations, International studies, Language and literacy, Languages and culture studies, Politics and policy studies, Social research methods.
	International Studies (Global Security)	Arms control, Cross cultural studies, Cultural diversity, Development studies, Diplomacy, Gender studies, Global governance, Global history, Global security, Globalisation, Human rights, Humanitarian assistance, International economics, International law, International relations, International studies, Language and literacy, Languages and culture studies, Politics and policy studies, Social research methods.
Swinburne	Arts	Climate and social justice, Criminology, Ethics and technology, History, Indigenous studies, International studies , Literature, Perspectives on globalisation , Philosophy, Politics, Politics power and technology, Professional and creative writing, Screen studies and popular culture, Sociology.
Uni Melbourne	Arts	Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Chinese societies, Chinese studies, Classics, Creative writing, Criminology, Development studies, Economics, English and theatre studies, English language studies, Environmental studies, European studies, French studies, Gender studies, Geography, German studies, Hebrew and Jewish studies, History, History and philosophy of science, Indigenous studies, Indonesian studies, Islamic studies, Italian studies, Japanese societies, Japanese studies, Knowledge and learning, Korean studies, Law and justice, Linguistics and applied linguistics, Media and communications, Medieval and early modern studies, Philosophy, Politics and international studies , Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies.
VU	Community Development	Community development.



GRAPHIC, FINE ARTS, INTERIOR & VISUAL DESIGN DEGREES IN 2023



UNIVERSITY	VCE PREREQUISITE SUBJECTS	SELECTION & ATAR FOR 2023
ACU M – Melbourne	Creative Arts (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	66.75 (M) Selection: ATAR
	Visual Arts and Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL). Studies in one of Art, Studio Arts or Visual Communication Design is useful.	59.20 (M) Selection: ATAR
DEAKIN M – Melbourne	Creative Arts (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	60.25 (M) Selection: ATAR
FEDERATION B – Ballarat	Visual Arts (Units 3 and 4: a study score of at least 20 in any English)	Range of Criteria (B) Selection: Supplementary Form, Folio & Folio Presentation, and Interview
LA TROBE B – Bendigo	Visual Arts (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	55.60 (B) Selection: ATAR
MONASH C – Caulfield	Design (Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL)	70.00 (C) Selection: ATAR
	Fine Arts (Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (C) Selection: Supplementary form, Folio & Folio Presentation, and ATAR
RMIT C – City C/B – City/Brunswick	Communication Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (C) Selection: Communication Design Selection Task, and ATAR
	Fine Arts (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (C) Selection: Fine Arts Selection Task, Folio Presentation, and ATAR
	Graphic Design Associate Degree (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (C) Selection: Graphic Design Selection Task, and ATAR
	Industrial Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Minimum ATAR of 55.15 (C/B) Selection: Industrial Design Selection Task and ATAR
	Interior Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Range of Criteria (C) Selection: Interior Design Selection Task, Folio Presentation, and ATAR
	Interior Decoration & Design Associate Degree (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (C) Selection: Interior Decoration and Design Selection Task and ATAR
SWINBURNE H – Hawthorn	Communication Design (Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Art, Product Design And Technology, Media, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.)	85.85 (H) Selection: ATAR
	Design (prerequisites <u>same</u> as for Communication Design)	62.00 (H) Selection: ATAR
	Industrial Design (prerequisites <u>same</u> as for Communication Design)	73.45 (H) Selection: ATAR
UNI MELBOURNE P – Parkville VCA – Southbank	Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.) * For the major in Graphic design	85.00 (P) Selection: ATAR
	Fine Arts (Visual Art) (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	Range of Criteria (VCA) Selection: Fine Arts Supplementary Form, Folio & Folio presentation, Interview, and ATAR



HEALTH SCIENCE DEGREES IN 2023



Are your strengths in health? Are you interested in how the body works?

Below is a list of a number of health science degrees offered at Victorian Universities that lead to very diverse career opportunities. For a comprehensive list of health sciences courses, including double degrees, on offer at both TAFEs and universities, visit [VTAC](https://www.vtac.edu.au/).

INSTITUTION	COURSE	VCE PREREQUISITES	MAJOR STUDIES IN 2023
DEAKIN	Health Sciences	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Disability and inclusion, Environmental health, Exercise science, Family, society and health, Food studies, Health promotion, Health, nature and sustainability, Medical biotechnology, Nutrition, Physical activity and health, Psychological science, Psychology for allied health, Public Health.
LA TROBE	Health Sciences	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Climate change, Health promotion, Health, wellbeing and performance, Human physiological sciences, Medical and exercise science, Psychological science, Public health, Rehabilitation counselling.
MONASH	Health Sciences	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	Anatomy, Biostatistics, Epidemiology, Forensic medicine, Global Health, Health and Human Development, Health promotion, Health sciences, Healthcare, Human health, Physiology, Public health, Social sciences.
RMIT	Health Sciences (Associate Degree)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Health and Nutrition, Understanding the Psychology of Health and Exercise in Health, Human Biology and Understanding disease processes and treatment., Law and Ethics in Health and Healthcare in Australia, Project Management in Health and Health; Industry Project and Practice.
SWINBURNE	Health Science (Professional) (4-year degree as it includes 12-month paid work placement)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Biomedical science, Clinical technologies, Neuroscience, Nutrition, Psychology and forensic science , Psychology and psychophysiology, Public Health and Health Promotion.
	Health Science (3-year degree)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Biomedical science, Clinical technologies, Neuroscience, Nutrition, Psychology and forensic science , Psychology and psychophysiology, Public Health and Health Promotion.
VICTORIA	Health Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Indigenous health, Public health.



HUMAN RESOURCES COURSES IN 2023



The Good Universities Guide* states that *Human Resources Officers provide administration services for the recruitment and employment of staff. In small organisations, Human Resources Officers are usually responsible for all staffing matters. In large organisations they may specialise in a particular area such as recruitment, wages and entitlements or staff training.*

Personal requirements of a Human Resources Officer -

- Good planning, organisational, analytical and decision-making skills
- Good oral and written communication skills
- Tactful and discrete when dealing with people and confidential information

* [Good Universities Guide - Human Resources Officer](#)

Training to become a Human Resources Officer can take place at TAFE or university. Below are some of the courses offered in Victoria. Often human resource majors are offered in business and commerce courses at TAFE and university. **For a comprehensive list of all courses offering studies in human resources, including double-degree options, visit [VTAC](#)**

INSTITUTION	COURSE	MAJOR STUDIES IN 2023
ACU	Bachelor of Commerce (HRM and Management)	Human Resources, Management.
Charles Sturt University	Bachelor of Business Studies	Accounting, business, business studies, entrepreneurship, finance, human resource management , information technology, international business, management, marketing, online technologies, small business management, social media.
Deakin University	Bachelor of Commerce	Accounting, Business analytics, Economics, Emerging technology, Entrepreneurship, Event management, Finance, Financial planning, Global and social impact, Human resource management , International business, International trade, Management, Management information systems, Marketing, People management, Production management, Project management, Property investments, Recruitment and talent acquisition, Retail management, Social entrepreneurship, Wealth management.
	Bachelor of Human Resource Management (Psychology)	Human resource management, Psychology.
La Trobe University	Bachelor of Business (Human Resource Management)	Human resource management.
Monash University	Bachelor of Business	Accounting, Banking and finance, Business analytics and statistics, Business law, Business management, Business studies, Economics and business strategy, Financial econometrics, Human resource management , International business, Marketing, Taxation.
RMIT University	Associate Degree in Business	Accounting, Business, Economics, Entrepreneurship, Global Business, Human Resource Management , Information Technology, Leadership, Legal Studies, Logistics and Supply Chain Management, Management, Marketing.
Swinburne University	Bachelor of Business	Accounting, Accounting and finance, Business administration, Business analytics and analysis, Entrepreneurship and innovation, Finance, Human resource management , Logistics and supply chain management, Management, Marketing, Sports management.
Victoria University	Bachelor of Business	Accounting, Analytics, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management , Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics, Tourism and Hospitality Management.



INFORMATION TECHNOLOGY DEGREES IN 2023

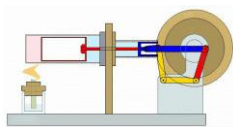


Several Victorian universities offer a broad range of **Information Technology** bachelor degrees and below is a list of many of these courses. **For a comprehensive list of courses (including the many double-degree options) on offer at both TAFEs and universities, visit [VTAC](https://www.vtac.edu.au).**

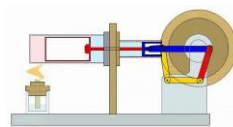
INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2023
CQU M - Melbourne	Units 3 and 4: a study score of at least 26 in any English. 2023 ATAR: 65.00 threshold	Application Development, Business Analysis, Cyber Security.
DEAKIN M – Melbourne G – Geelong Warrn Ponds	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. 2023 ATAR: 61.05 (M) 65.95 (G)	Animation (games), Application development, Computer and network security, Computer networks, Computer programming, Cyber security, Cyber security network operations, Databases, Distributed systems and applications, Embedded systems, Game programming, Games development, Information technology, Network and cloud technologies, Networking, Networking and cloud computing, Object-oriented design, Object-oriented programming, Operating systems, Programming, Project management, Security management, Software development, Systems and networks, Virtual and augmented reality, Web applications programming, Web design.
FEDERATION B – Berwick G – Gippsland Ba – Ballarat	Units 3 and 4: a study score of at least 20 in any English. 2023 ATAR: 46.40 (Be), n/p (Gi), n/p (Ba)	Big Data and Analytics, Business Information Systems, Cloud and Enterprise Computing, Networking and Security, Software Development.
Professional Practice Degree	Units 3 and 4: a study score of at least 20 in any English; Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics. 2023 ATAR: n/p (Ba)	Professional Practice. **Combine study and practical industry experience. Receive a paid vocational work experience placement of approximately \$44,000 (casual basis) over the final two years of this degree as you study and undertake 1600 hours of work integrated learning with IBM® and Kyndryl in Ballarat.
LA TROBE M – Melbourne B – Bendigo	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. 2023 ATAR: 56.00 (M) n/p Be)	Artificial intelligence (Melbourne campus), Cloud analytics (Melbourne, Sydney campuses), Data Science (Melbourne Campus), Information systems (Melbourne campus), Network engineering (Melbourne campus), Software engineering (Bendigo, Melbourne, and Sydney campuses).
MONASH C - Clayton	Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL. 2023 ATAR: 77.00 (CI)	3D modelling and animation (minor), Business information systems, Computer networks and security (minor), Computer programming, Computer science (minor), Computing, Cybersecurity, Data science (minor), Games and immersive media, Games design (minor), Games development (minor), IT for business (minor), Information management, Information technology, Mobile apps development (minor), Software development, Software engineering (minor), Web development (minor).
RMIT C - City	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics. 2023 ATAR: 70.05 (C)	Agile software development & Dev Ops, Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Mobile programming, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.Net, Java, PHP, Python), Project Management, Security, System administration.
SWINBURNE H - Hawthorn	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL). 2023 ATAR: 58.15 (H)	Information technology, Network technology, Software technology.
VICTORIA F – Footscray Park	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.** 2023 ATAR: n/p (FP)	Network and system computing, Web and mobile application development.
** Not Foundation Maths		

LAW UNDERGRADUATE DEGREES IN 2023

INSTITUTION	COURSES	ATAR FOR 2023
Australian Catholic University Visit ACU - Law	Laws	75.15
	Arts/Laws	79.10
	Biomedical Science/Laws	n/p
	Business Administration/Laws	n/p
	Commerce/Laws	75.05
	Criminology and Criminal Justice/Laws	78.60
	Human Rights/Laws	n/p
	Laws/Global Studies	77.90
	Philosophy/Laws	n/p
	Psychological Science/Laws	76.35
	Theology/Laws	n/p
Deakin University Visit Deakin - Law	Laws	84.15 (G), 90.10 (M)
	Arts/Laws	85.90 (G), 90.65 (M)
	Commerce/Laws	85.10 (G), 90.65 (M)
	Criminology/Laws	85.95 (G), 91.00 (M)
	Laws/Cybersecurity	n/p (G), 92.75 (M)
	Laws/International Studies	86.75 (G), 90.70 (M)
	Property & Real Estate/Laws	n/p (M)
	Science/Laws	92.40 (M)
La Trobe University Visit La Trobe - Law	Laws (Honours)	82.90 (B), 90.15 (M)
	Laws (Honours)/Arts	n/p (B), 91.75 (M)
	Laws (Honours)/Biomedicine	91.25 (M)
	Laws (Honours)/Business	85.15 (B)
	Laws (Honours)/Commerce	90.50 (M)
	Laws (Honours)/Criminology	n/p (B), 90.05 (M)
	Laws (Honours)/Global Studies	90.60 (M)
	Laws (Honours)/Media and Communication	92.40 (M)
	Laws (Honours)/Politics, Philosophy and Economics	92.15 (M)
	Laws (Honours)/Psychological Science	82.40 (B), 90.35 (M)
	Laws (Honours)/Science	n/p (B), 94.25 (M)
Monash University Visit Monash - Law	Laws (Honours)	97.00
	Laws (Honours)/Arts	97.00
	Laws (Honours)/Biomedical Science	97.15
	Laws (Honours)/Commerce	97.00
	Laws/Computer Science	97.00
	Laws (Honours)/Criminology	97.00
	Laws (Honours)/Engineering	97.20
	Laws (Honours)/Global Studies	97.10
	Laws/Information Technology	97.05
	Laws (Honours)/Music	Range of Criteria (RC)
	Laws/ Politics, Philosophy and Economics	n/p
	Laws (Honours)/Science	97.00
RMIT University Visit RMIT - Law	Laws	86.10
	Accounting/Laws	n/p
	Laws/Business	88.00
Swinburne University Visit Swinburne - Law	Laws	82.20
	Laws/Arts	82.95
	Laws/Business	82.45
	Laws/Business Analytics and Analysis	n/p
	Law/Computer Science	n/p
	Law/Criminal Justice & Criminology	80.10
	Law/Cybersecurity	n/p
	Laws/Engineering	87.65
	Laws/Media and Communication	83.35
	Laws/Science	n/p
Victoria University Visit Victoria - Law	Laws	n/p (C)
	Laws/Arts	n/p (C & F)
	Laws/Business	n/p (C & F)
	Laws/Criminology	n/p (C)
	Laws/Psychological Studies	n/p (C & F)
	Laws/Psychology (Honours)	n/p (C & F)



MECHANICAL ENGINEERING DEGREES IN 2023



Mechanical engineers plan, design and oversee the development, installation, operation and maintenance of machinery. They conduct research to solve practical engineering problems and improve efficiency - [Good Universities Guide - Mechanical Engineer](#)

Mechanical engineering is offered at the following Victorian Universities –

INSTITUTION	VCE REQUIREMENTS	ATAR 2023
Deakin University G – Geelong Warrnambool Campus M – Melbourne Campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	65.10 (G) 70.15 (M)
Federation University MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	n/p (MH)
Monash University CI – Clayton Campus	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	85.00 (CI)
RMIT University C/B – City & Bundoora C – City Engineering (Mechanical) Degree Engineering (Honours) Associate Degree Engineering Technology	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	81.50 (C/B)
	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	75.00 (C)
	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	40.85 (C)
Swinburne University H – Hawthorn Campus Engineering Degree (Professional) Engineering Degree Associate Degree of Engineering	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	75.20 (H)
	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	72.00 (H)
	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in any Mathematics.	49.95 (H)
Victoria University FP – Footscray Park	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	n/p (FP)

For a comprehensive list of similar courses, double degrees, and major studies, visit [VTAC](#).



MEDIA, COMMUNICATION & JOURNALISM DEGREES IN 2023

Many universities in Victoria offer **advertising, media, media & communication, and/or journalism** degrees, and many of these are listed below. These areas of interest are often also offered as majors in Arts degrees. Note: An English is usually the only prerequisite subject for entry.

For a comprehensive list of all courses (including double-degree options) visit [VTAC](#).

INSTITUTION	COURSE NAME	MAJOR STUDIES IN 2023	ATAR 2023
DEAKIN M – Melbourne GW – Geelong W’ Ponds	Communication	Advertising (major only), Creative advertising minor only), Digital and social media (major only), Digital media (minor only), Indigenous studies (minor only), Integrated communication (minor only), Journalism, Photojournalism (minor only), Public relations, Social media (minor only), Strategic advertising (minor only).	60.80 (M) 60.80 (GW)
	Communication (Advertising)	Advertising.	n/p (M)
	Communication (Digital and Social Media)	Digital and social media.	72.50 (M)
	Communication (Journalism)	Journalism.	n/p (M) n/p (GW)
	Communication (Public Relations)	Public relations.	n/p (M) n/p (GW)
LA TROBE M – Melbourne	Media & Communication	Creative and professional writing, Journalism, Marketing, Media industries, Sports media.	60.10 (M)
	Creative & Prof. Writing	Creative and professional writing.	74.40 (M)
	Journalism	Journalism.	61.05 (M)
	Marketing	Marketing.	60.10 (M)
	Media Industries	Media Industries.	67.10 (M)
	Sports Media	Sports Media.	60.95 (M)
MONASH C – Caulfield	Media Communication	Journalism, Media, Public relations, Screen.	72.35 (Ca)
RMIT C – City	Communication (Advertising)	Advertising, Advertising Briefs, Advertising Campaigns, Advertising Communication, Advertising Concept Development, Advertising Marketing, Advertising Production, Advertising Research, Advertising Strategy, Communications, Concept Development, Consumer Behaviour, E-marketing, E-media, Marketing, Marketing Research, Media Planning, Media Strategy.	71.25 (C)
	Communication (Journalism)	Broadcast journalism, Digital journalism, Fact checking and verification, Feature writing, Journalism, Journalism ethics, Journalism law, Journalism practice, Journalism reporting, Journalism technologies, Newsroom practice, Photojournalism, Podcasting, Radio Journalism, TV journalism.	70.00 (C)
	Communication (Media)	Asian media and culture, Audio production, Cinema studies, Community media production, Film production, Internet and multimedia, Literature, Live media, Media, Media industries, Media production, New media, Non-profit media production, Online media production, Politics and communication, Popular culture, Radio production, Social media management, Social media marketing, Social media production, Television production, Video production.	68.25 (C)
	Communication (Prof. Communication)	Advertising, Asian studies, Cinema studies, Communication, Journalism, Literature, Media production, Politics, Popular culture, Public relations.	72.95 (C)
SWINBURNE H – Hawthorn * Professional Degree	Media & Communication	Advertising, Cinema and screen studies, Creative writing and literature, Digital advertising technology, Journalism, Media industries, Professional Writing and Editing, Public relations, Social media.	55.00 (H) 72.25 (H) *



MEDICAL IMAGING COURSES IN 2023



Medical imaging technologists operate X-ray and other imaging equipment, such as MRI and Ultrasound, to produce radiographic images which are used in the diagnosis and subsequent management of disease or injury. Below are links to the specialised medical imaging areas, some of which are detailed in the *Good Universities Guide*: [Nuclear Medicine Technologist](#), [Medical Imaging Technology](#), and a useful links - [So, you want to be a Sonographer?](#), and [Medical Imaging and Radiation Sciences at Monash](#)

In Victoria students can study specific medical imaging courses (also known as medical radiography or medical radiations or sonography) at the following universities:

INSTITUTION	COURSE	VCE PREREQUISITES	2023 ATAR
CQU M - Melbourne Campus	Medical Sonography	Recommended study in English, Maths, Biology, Physics, Science	91.55 (M)
Deakin University G - Geelong Warrnambool Campus	Medical Imaging	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry or Physics; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 30 in Maths: Further Mathematics.	94.65 (G)
Monash University C – Clayton Campus * For the first year, you will study units at both the Caulfield and Clayton campuses. The units in years two and three are delivered at the Clayton campus. Some third-year electives may be delivered at the Peninsula campus.	Radiation Sciences	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.10 (C) *
	Radiation Sciences (Informatics)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	82.75 (C) *
	Radiography and Medical Imaging	Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology or Physics; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	97.45 (C)
RMIT University B – Bundoora Campus	Medical Radiations (Nuclear Medicine)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	79.80 (B)
	Medical Radiations (Radiation Therapy)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	77.60 (B)
	Medical Radiations (Radiography)	Units 1 and 2: satisfactory completion in one of Biology or Chemistry or Units 3 and 4: one of Biology or Chemistry; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	97.00 (B)



MUSIC PRODUCTION COURSES IN 2023



There are numerous courses on offer in Victoria for students who wish to study music production courses.

A broad selection of courses is listed below but for a comprehensive list of all similar courses on offer – including double-degrees – visit [VTAC](#).

UNIVERSITY	MAJOR STUDIES IN 2023	SELECTION CRITERIA
AIM (M) – Melbourne	Composition and Music Production: Composition, Digital Technology (DAW Skills), Music Production.	Selection: Portfolio and Folio Presentation (M)
BOX HILL INSTITUTE (B) – Box Hill	Music Industry (Audio Production): Live Sound, Mastering, Mixing, Post Production, Sound for Media, Studio Recording.	Selection: Portfolio, Folio Presentation, Interview (B)
	Music Industry (Music Production): Artistic direction, Creative collaborations, DJ'ing and performing with technology, Immersive and interactive music production, Music production technology and aesthetics, Releasing music, Song production.	Selection: Portfolio, Folio Presentation, Interview (B)
COLLARTS (C) – Collingwood	Audio Production/Entertainment Management: Entertainment Business Law, Entrepreneurship, International Music Business, Marketing, Communications & Branding, Publicity, Music Publishing, Live Sound, Recording, Producing, Post Production, Mixing & Mastering, Voiceovers, Sound Design for Computer Games, Project and event management, Artist Management, Applied Rights & Business Management, Copyright.	Selection: Interview, 300-word written statement (C)
JMC ACADEMY (M) – Melbourne	Audio Engineering and Sound Production: Acoustic Design, Acoustics Theory, Audio, Audio + Sound Theory, Audio Engineering, Audio Industry, Audio Post Production, Audio System Design, Electronic Music, Electronics, Foley, History of Western Recording, Live Sound, Music Business, Music History, Music Production, Music Production Analysis, Musical Instrument Digital Interface (MIDI), Recording, Research Project, Sound Art, Sound Design, Sound Recording, Spatial Recording, Studio Recording, TV, Radio + Film Audio.	Selection: Interview (M)
MELBOURNE POLYTECHNIC (F) – Fairfield	Sound and Music Production: Ableton Live, Audio synthesis, Digital audio workstations, Electronic music production, Live sound production, Music analysis, Music composition and arrangement, Music industry studies, Pro Tools 101, Project management, Sound editing and mixing, Studio recording and production techniques, Technology in performance.	Selection: Interview (F)
NCAT (P) – Preston	Music Industry: Music Business, Music Industry, Music Theory, Performance, Recording, Sound Production.	Selection: Application form, Audition and Interview (P)
RMIT (C) – City	Music Industry Sound Production: Acoustics, Audio production technology, Broadcast sound, Computer music production systems, Dialogue editing, Digital audio, Digital media, Digital technology, Electronic music, Film and television sound production, Film music, Live sound, Music industry, Music technology, Radio production, Sound production, Sound recording, Surround sound applications.	Selection: Selection Task and Interview (C)
	Music Industry: DJing, Electronic music, Music, Music business, Music culture, Music history, Music industry, Music media, Music performance, Music production, Music promotion, Music technology, Music video, Popular music, Sound design, World music.	Selection: ATAR 68.20 (C)
SAE (M) – Melbourne	Music Production: Advanced sound for picture techniques, audio post-production team dynamics, studio projects planning and execution; advanced studio production techniques, studio-production, team dynamics.	Selection: Portfolio, Folio Presentation and Interview (M)



NURSING AND/OR MIDWIFERY DEGREES IN 2023



UNIVERSITY	VCE PREREQUISITE SUBJECTS	ATAR FOR 2023
ACU Ba – Ballarat M – Melbourne	Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	84.55 (M)
	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	62.10 (M), 60.20 (Ba)
CHARLES STURT AW – Albury Wodonga	Nursing (no prerequisite subjects, but maths, biology and English are highly recommended)	65.10 (AW)
DEAKIN G – Geelong Waterfront M – Melbourne W – Warrnambool	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	73.00 (M), 64.65 (G), 53.15 (W)
	Nursing (Clinical Leadership) (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	80.95 (M)
	Nursing/Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	91.75 (M), 87.90 (G), 78.30 (W)
FEDERATION B – Berwick Gi – Gippsland Mt. Helen (Ballarat)	Nursing (Units 3 and 4: a study score of at least 25 in any English)	50.35 (B), 40.95 (Gi), 40.00 (Mt H)
	Nursing/Midwifery (Units 3 and 4: a study score of at least 25 in any English)	54.25 (Gi), 53.85 (Mt. H)
HOLMESGLEN Mo – Moorabbin	Nursing (Units 1 and 2: satisfactory completion in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: satisfactory completion of any English.)	Minimum ATAR: 50.00 n/p (Mo)
LA TROBE AW – Albury-Wodonga B – Bendigo Me – Melbourne Mi – Mildura S – Shepparton	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	70.05 (Me), 60.55 (AW), 58.30 (B), 61.20 (S), 55.30 (Mi)
	Nursing/Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	85.45 (Me) 84.40 (B)
MONASH C – Clayton P – Peninsula	Nursing - Scholars Program (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	90.35 (C) n/p (P)
	Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	73.65 (C) 70.15 (P)
	Nursing/Midwifery (Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.)	84.00 (P)
RMIT Bu – Bundoora	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	72.15 (Bu)
SWINBURNE H – Hawthorn	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	60.15 (H)
VICTORIA UNI St A – St. Albans	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, Health And Human Development, any Mathematics* or Psychology.)	60.00 (St A)
	Midwifery/Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, Health And Human Development, any Mathematics* or Psychology.)	79.65 (St A)

*Not Foundation Maths

For a comprehensive list of all nursing courses - diplomas and degrees - including double degrees with *business, paramedicine, psychology, public health*, etc. visit [VTAC](https://www.vtac.edu.au).



NURSING – DIVISION 2 (ENROLLED) COURSES IN 2023



Division 2 or Enrolled nurses are trained with the full spectrum of nursing qualifications, and these skills include communicating with patients, working in a team, medication, and clinical nursing duties. These nurses are able to implement and monitor patient care, administer medicines, comply with infection control and work, health and safety policies, perform clinical assessments and contribute to planning patient care. To become an Enrolled nurse, one must complete a Diploma of Nursing. The VCE entry requirement for the diploma is a Year 12 pass.

On completion of the course students will be eligible to apply for registration as an Enrolled Nurse with the Australian Health Practitioner Regulation Agency (AHPRA), or go on to further study to become a Registered Nurse.

Note: The Diploma of Nursing is currently a [Free TAFE](#) course in Victoria.

Students are advised to browse [VTAC](#) for a comprehensive list of all nursing courses.

INSTITUTION	AREAS OF STUDY ON OFFER IN 2023
Box Hill Institute Box Hill Campus City Campus Lilydale Campus	Acute Nursing Care, Aged Care Nursing, Anatomy and Physiology, Assessment and Nursing Care Plans, Chronic Nursing Care, Community/Sub-acute Nursing, Complex Nursing Care, Cultural Diversity, Infection Control, Medications and Intravenous Medications, Mental Health, Reflective Practice, Research, Work Health Safety.
Chisholm Institute Berwick Campus Frankston Campus	Administer and monitor intravenous medication, apply research skills within a health environment, assess clients and manage client care, contribute to the care of mothers and babies, practise in the domiciliary health care area, provide nursing care to clients in palliative care.
Federation University Ballarat Campus Wimmera Campus	Administer and monitor medications, Health information, Nursing care plans, Wound management.
Holmesglen Institute City Campus Moorabbin Campus	Acute, aged care, complex care, culture and diversity, diabetes, general nursing, health and human biology, infection control, law and ethics, mental health, palliative care, pharmacology, primary health care, stress management, work place health and safety.
RMIT University Bundoora Campus City Campus	Acute care, Aged care, Anatomy and physiology, Clinical assessment, Clinical studies, Communication, Medication Administration, Mental Health, Primary care.
Swinburne University Wantirna Campus	Acute health problems, Anatomy and physiology, Care for older clients, Chronic health problems, First aid, Infection control policies and procedures, Medication delivery, Mental health conditions, Nursing care, Nursing communication, Pathophysiology, Pharmacology.
TAFE Gippsland Bairnsdale Campus Leongatha Campus Morewell Campus Warragul Campus	Aged Care, Community Health, Nursing.
The Gordon Geelong City Campus Werribee Campus	Administering medications, Anatomy and physiology, Communication skills, Infection, Legal and ethical issues associated with nursing, Nursing patients with complex needs.
Victoria University St. Albans Campus Sunshine Campus Werribee Campus	Acute, preventative, curative and rehabilitative care. Medication administration, anatomy and physiology, infection control, intravenous injections, general nursing.



NUTRITION AND DIETETICS DEGREES IN 2023



According to the Dietitian Association of Australia (DAA) - [Dietitian or nutritionist](#) | [Dietitians Australia](#), there is a distinction made between dietitians and other occupations in the nutrition and food science field, including that of nutritionist. The key difference between a dietitian and a nutritionist is that, in addition to or as part of their qualification in human nutrition, a dietitian has undertaken a course of study that included substantial theory and supervised and assessed professional practice in clinical nutrition, medical nutrition therapy and food service management.

So, in Australia, all dietitians are nutritionists however nutritionists without a dietetics qualification cannot take on the expert role of a dietitian.

Victorian universities offering undergraduate courses in nutrition, food science and/or dietetics include:

UNIVERSITY	COURSE	VCE PREREQ' SUBJECTS	ATAR 2023
ACU (M) – Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.70 (M)
Deakin (M) - Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	65.25 (M)
	Nutrition Science (Dietetics Pathway)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	89.10 (M)
La Trobe (M) – Melbourne	Nutrition Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	70.10 (M)
	Nutrition Science/Master Dietetic Practice	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	90.00 (M)
Monash (C) - Clayton	Nutrition Science	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	70.35 (C)
	Nutrition Science - Scholars Program (Dietetics Pathway)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	90.10 (C)
RMIT (C/B) – City/Bundoora	Food Technology & Nutrition	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	66.65 (C/B)
SWINBURNE (H) – Hawthorn	Health Science (Nutrition major) and a Master of Dietetics	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	57.55 (H)
Victoria (F) - Footscray **Not Foundation Maths	Human Nutrition	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, Health And Human Development, any Mathematics** or Physical Education.	n/p (F)
	Nutritional Science/Master of Dietetics	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, Health And Human Development, any Mathematics**, Physical Education or Physics.	88.45 (F)

Note: Food Science and Nutrition are often offered as majors in courses in health, exercise science, and science degrees, etc.

Students are encouraged to browse [VTAC](#) for a comprehensive list, including double degrees.



OCCUPATIONAL THERAPY DEGREES IN 2023



Occupational therapists assess and treat people who, due to illness, injury or circumstance, are limited in their ability to undertake everyday activities. They assist people to regain lost functions, develop their abilities and social skills, as well as maintain and promote independence in their everyday lives to enhance health and wellbeing - [Good Universities Guide - Occupational Therapist](#) .

Occupational Therapy is offered at the following Victorian Universities –

UNIVERSITY	VCE REQUIREMENTS	ATAR 2023
ACU M - Melbourne	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry or Physics.	83.50 (M)
Charles Sturt AW – Albury-Wodonga	No VCE prerequisites but completion of Year 12 is required, and an ATAR is used in selection	70.80 (AW)
Deakin G – Geelong W’Front	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	75.45 (G)
Federation Uni Gi – Gippsland	Units 3 and 4: a study score of at least 25 in any English; Units 1 and 2: satisfactory completion in two units (any study combination) of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: satisfactory completion in one of Biology, Chemistry, Health And Human Development, Maths: Further Mathematics, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physical Education or Physics.	58.15 (Gi)
La Trobe B – Bendigo M – Melbourne	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	75.10 (B) 87.45 (M)
Monash P - Peninsula	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	85.15 (P)



OPTOMETRY COURSES IN 2023



The [Good Universities Guide - Optometrist](#) states that *Optometrists perform eye examinations to determine the presence of vision problems and other eye conditions and disease. They treat or manage these problems by prescribing glasses, contact lenses, optical aids, vision therapy, medication (in the form of eye drops) or referral to an eye surgeon when required.*

Optometrists need to have a patient and caring manner; be able to carry out accurate and precise work, have good communication skills, and enjoy helping people.

To become an optometrist a student usually has to study optometry at university. Alternatively, they can complete a degree in vision science or a relevant area at university, followed by a postgraduate qualification in optometry. Prerequisite subjects, or assumed knowledge, in one or more of English, mathematics, chemistry, biology and physics are normally required. Entry to postgraduate courses usually requires completion of an appropriate bachelor degree. A number of universities in Australia offer these degrees. Universities have different prerequisites, and some have flexible entry requirements.

Optometry courses on offer in Australia include -

INSTITUTION	COURSE	ENTRY REQUIREMENTS IN 2023
DEAKIN UNIVERSITY	Bachelor of Vision Science/Master of Optometry	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL An ATAR of 95+
	Master of Optometry	Completion of a Bachelor of Vision Science, or equivalent, with an emphasis on an adequate coverage of vision sciences
FLINDERS UNIVERSITY	Bachelor of Medical Science (Vision Science), Master of Optometry	Assumed knowledge of Maths Methods, Chemistry and Physics An ATAR of 95+
QUEENSLAND UNIVERSITY OF TECHNOLOGY	Bachelor of Vision Science/Master of Optometry	Assumed knowledge of English/EAL, Maths Methods or Specialist Maths, Chemistry, Physics An ATAR of 98.5+
UNIVERSITY OF CANBERRA	Master of Optometry	Only open to students who have completed the Bachelor of Vision Science at the University of Canberra
UNIVERSITY OF MELBOURNE <small><u>Note:</u> Students who attain an ATAR of 99.00 are eligible for the Graduate Degree Package through Biomedicine or Science</small>	Doctor of Optometry Pathway to Optometry	An undergraduate degree (or equivalent), and three subjects at second or third year level (or equivalent) in one or more relevant biological science disciplines plus the GAMSAT or MCAT
UNIVERSITY OF NEW SOUTH WALES	Bachelor of Vision Science with a Master of Clinical Optometry	Assumed knowledge of English/EAL, Maths Methods, Chemistry, Physics An ATAR of 99+



PARAMEDICINE DEGREES IN 2023



The Good Universities Guide states that *paramedics provide pre-hospital emergency care, treatment and specialised transport for patients* - [Good Universities Guide - Paramedic](#).

Working as an ambulance paramedic means that no two days are ever the same. What a paramedic does can be as varied as *restarting a patient's heart* down to helping solve social welfare issues. Ambulance paramedics are called when people feel they have no other options and are suffering what feels like an emergency to them. An interesting fact to remember when applying to become a paramedic is that the majority of the workload is not lights and sirens driving to save a patient's life. ***This job is more about helping people in their time of need as opposed to being a hero.***

Visit [Ambulance Victoria - Types of Paramedics](#) to find out more.

Students should note that to work with Ambulance Victoria, they must be a citizen of Australia or New Zealand, or be an Australian Permanent Resident, and they must also hold a full driver's licence or have held a probationary licence as P2 for at least a year.

The following Victorian universities offer Paramedicine undergraduate degrees:

INSTITUTION	COURSE	VCE REQUIREMENTS	ATAR 2023
Australian Catholic University (M) – Melbourne (B) – Ballarat	Paramedicine	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	90.15 (M)
	Nursing/Paramedicine	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	87.10 (B)
La Trobe University (AW) – Albury Wodonga (Be) – Bendigo Students commencing their studies at the Albury-Wodonga campus are required to transfer to the Bendigo campus from second year to complete this course.	Paramedic Practice with Honours	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in two of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education, Physics or Psychology.	69.95 (Be) 79.10 (AW)
Monash University (P) – Peninsula	Paramedicine	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Maths: Further Mathematics or at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	83.30 (P)
Victoria University (St. A) – St. Albans (Su) – Sunshine (W) – Werribee	Paramedicine	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	80.05 (St. A)
	Non-Emergency Patient Transport (Certificate)	Year 12 pass	n/p

Visit [VTAC](#) to find out more about these courses.



PARK RANGER COURSES IN 2023



Park rangers control, supervise and manage national parks, scenic areas, historic sites, nature reserves and other recreational areas **

Park rangers may perform the following tasks:

- assist with guided tours and promote an understanding and appreciation of the natural and cultural features of the park
- supervise public visits and inform visitors about park facilities, advising of park rules and regulations, and enforcing these when necessary
- patrol waterways, roads and tracks to observe and report on the park environment, including the condition of animals and plants
- ensure endangered animals and plants are protected, and assist with related research projects
- ensure parks, park facilities and equipment are clean and properly maintained
- assist with wildlife management projects, including surveys and monitoring of wildlife
- participate in search and rescue operations
- supervise and coordinate fire management, weed eradication and pest-control programmes
- investigate and report to supervisors on matters relating to park management
- support local communities in protecting their cultural heritage and in developing sustainable land management practices
- conduct research into the protection and recording of Indigenous and historical sites
- supervise and train park staff and volunteers, and oversee crews of general maintenance workers and contractors
- undertake administrative and clerical duties
- prepare, review and implement reports, submissions, management plans, development proposals and environmental impact assessments

**** [Good Universities Guide - Park Ranger](#)**

There are several professional associations park rangers can be part of, and in Victoria it is [Parks Victoria](#).

There are a number of courses in Victoria that prepare students for a career as a park ranger. Some of these include –

INSTITUTION	COURSES IN 2023
Box Hill Institute	Diploma of Conservation and Ecosystem Management
Deakin University	Bachelor of Environmental Science - Environmental Management & Sustainability
	Bachelor of Wildlife and Conservation Biology
Federation University	Bachelor of Environmental and Conservation Sciences
Holmesglen Institute	Diploma of Conservation and Ecosystem Management
La Trobe University	Bachelor of Outdoor and Sustainability Education
Melbourne Polytechnic	Diploma of Conservation and Ecosystem Management
RMIT University	Diploma of Conservation and Ecosystem Management
Swinburne University	Diploma of Conservation and Ecosystem Management
Victoria University	Bachelor of Outdoor Education and Environmental Science

For a comprehensive list of all similar courses, visit [VTAC](#).



PERFORMANCE: ACTING, DRAMA, THEATRE, DANCE DEGREES IN 2023



The range of courses listed below are performance-related degrees, in **acting, drama, theatre, dance and music performance** offered by Victorian universities. A limited number of courses require an ATAR only; most courses have a range of selection criteria, such as submission of a supplementary form, an audition, an interview, etc. The only VCE prerequisite for the courses listed below is English/EAL.

For a comprehensive list of all courses with performance-related subjects, visit www.vtac.edu.au.

UNIVERSITY	MAJOR STUDIES IN 2023	SELECTION CRITERIA FOR 2023
ACU (M) – Melbourne	Creative Arts: Drama, English/Literature, Media, Music, Visual arts.	Selection: ATAR 66.75 (M)
DEAKIN (M) – Melbourne	Creative Arts (Drama): Drama	Selection: ATAR 76.85 (M)
FEDERATION (C) – Camp Street	Performing Arts: Acting, Dance, Musical theatre, Performing arts, Voice.	Selection: Supplementary Form, and Audition (C)
MELBOURNE POLYTECHNIC (F) – Fairfield	Music: Arranging, Aural training, Composition, Digital composition (film and other media), Intercultural studies, Music and culture, Music business, Music education, Music technology, Music theory, Performance.	Selection: Audition and Interview
MONASH (Cl) – Clayton	Music: Composition and music technology, Music, Performance (Classical or Jazz), Popular music (Voice or Popular music instrument).	Selection: Supplementary form, Audition, and ATAR (Cl)
RMIT (C) – City	Music Industry: DJing, Electronic music, Music, Music business, Music culture, Music history, Music industry, Music marketing, Music media, Music performance, Music production, Music promotion, Music technology, Music video, Popular music, Sound design, World music.	Selection: ATAR 68.20 (C)
SWINBURNE (H) – Hawthorn	Circus Arts: Anatomy and biomechanics, History and culture of circus arts, Music and circus, Performance and movement studies, The business of circus, The contemporary circus industry.	Selection: Audition, Interview, Medical Assessment (H)
UNI MELBOURNE (VCA) – VCA Southbank	Fine Arts (Acting): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: Supplementary form, Audition, and Interview and/or Workshop (some) (VCA)
	Fine Arts (Dance): Body mind practices, Choreography, Dance technique: Contemporary dance and ballet, Performance.	Selection: ATAR, Supplementary form, and Audition, and Interview (some) (VCA)
	Fine Arts (Music Theatre): Acting studies, Dance studies, Music theatre combination class, Music theatre contextual studies, New work performance project, Voice studies.	Selection: Supplementary form, and Audition, and call-back audition (some), ATAR (VCA)
	Fine Arts (Theatre): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: Supplementary form, and Audition, and call-back audition, interview and/or workshop (some) (VCA)
	Music: Music studies, Musicology and Ethnomusicology, Performance.	Selection: Supplementary form, Audition, and/or Interview (VCA)
VICTORIA (FP) – Footscray Park	Music: Music.	Selection: Audition and Interview (FP)



PHARMACY & PHARMACEUTICAL SCIENCE COURSES IN 2023



The Good Universities Guide states that a [Pharmacist](#) supplies, dispenses and manufactures medicines, whilst, according to the Explore Health Careers website, a [Pharmaceutical Scientist](#) spends more time in the laboratory studying and discovering medicines. **Pharmacy and Pharmaceutical Science undergraduate degrees for school leavers offered in Victoria include:**

UNIVERSITY	COURSE	VCE PREREQUISITES	ATAR FOR 2023
La Trobe University B – Bendigo Campus	Pharmacy (Honours)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in any Mathematics.	82.65 (B)
Monash University P – Parkville Campus C – Clayton Campus	Pharmacy (Honours)	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	88.05 (P)
	Pharmacy (Hons) and Master of Pharmacy		88.10 (P)
	Pharmacy (Hons) Scholars program/Master of Pharmacy		98.00 (P)
	Pharmaceutical Science		83.20 (P)
	Pharmaceutical Science Advanced (Honours)		88.10 (P)
	Pharmaceutical Science Advanced (Honours) - Scholars Program		98.05 (P)
	Chemical Engineering/ Pharmaceutical Science		85.90 (C)
RMIT University B – Bundoora campus C/B – City/Bundoora	Pharmacy (Honours)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in any Mathematics; Units 3 and 4: a study score of at least 25 in Chemistry.	75.40 (B)
	Pharmaceutical Sciences	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics; Units 3 and 4: a study score of at least 20 in Chemistry.	70.60 (B)
	Chemical Engineering/ Pharmaceutical Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in Chemistry.	83.25 (C/B)

Log onto [VTAC](#) to find out more about these and other similar courses.

Note: Monash University has been ranked FIRST in the world for Pharmacy and Pharmacology followed by Harvard University in the QS 2022 World University Rankings by Subject list - [QS World University Rankings for Pharmacy and Pharmacology 2022 | Top Universities](#)



PHOTOGRAPHY COURSES IN 2023



Photography courses are offered at a number of institutions in Victoria. Many of these courses are listed below. **Log onto [VTAC](#) to find out more about these courses and many others on offer.**

UNIVERSITY	COURSE & VCE PREREQUISITE SUBJECTS	SELECTION CRITERIA FOR 2023
Collarts	<i><u>Bachelor of Arts (Photography)/Diploma of Arts (Photography)</u></i> (Successful completion of Year 12)	Selection: Folio and Interview
Deakin University	<i><u>Bachelor of Creative Arts (Photography Major)</u></i> (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Selection: ATAR
Northern College of the Arts and Technology	<i><u>Certificate IV in Photography and Digital Imaging/Diploma of Photography and Digital Imaging</u></i> (Successful completion of Year 12)	Selection: Supplementary form, interview, folio and folio presentation
Photographic Studies College	<i><u>Bachelor of Photography</u></i> (Successful completion of Year 12)	Selection: Supplementary form, Interview, Folio and Folio presentation
	<i><u>Certificate IV in Photography and Photo Imaging</u></i>	Selection: Interview
RMIT University	<i><u>Bachelor of Arts (Photography)</u></i> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Selection: Selection task, Folio presentation and Interview (some)
	<i><u>Certificate IV in Photography and Photo Imaging</u></i> (Successful completion of Year 12)	Selection: VTAC Personal statement
Swinburne University	<i><u>Certificate IV in Photography and Digital Imaging</u></i> (Successful completion of Year 12)	Selection: Pre-Training Review (PTR)
University of Melbourne	<i><u>Bachelor of Fine Arts (Visual Art) (major in Photography)</u></i> (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	Selection: Supplementary form, Interview and Folio presentation



PHYSIOTHERAPY DEGREES IN 2023



Physiotherapists assess, treat and prevent disorders in human movement caused by injury and disease - [Good Universities Guide - Physiotherapist](#)

Physiotherapy is currently offered at the following Victorian Universities –

UNIVERSITY	VCE REQUIREMENTS	ATAR 2023
ACU B – Ballarat	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry or Physics.	91.15 (B)
Charles Sturt AW – Albury-Wodonga	An English, but biology is recommended, and the ATAR is also used as part of selection.	81.05 (AW)
Federation G – Gippsland	Units 3 and 4: a study score of at least 25 in any English; Units 1 to 4: satisfactory completion in one of Biology, Chemistry, Health And Human Development, Physical Education or Physics.	74.80 (G)
La Trobe B – Bendigo M – Melbourne <small>** From 2024 General, Methods, or Specialist</small>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, any Mathematics**, Physical Education or Physics.	93.25 (B) 96.40 (M)
Monash P – Peninsula	Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics.	97.10 (P)
Uni Melbourne P – Parkville *Through Biomedicine **Through Science	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.*	98.00 (P)
	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics. --OR-- Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in both of Maths: Mathematical Methods and Maths: Specialist Mathematics.**	98.15 (P)
Vic Uni FP – Footscray Park	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, Maths: Mathematical Methods, Maths: Specialist Mathematics or Physics.	95.65 (FP)

Note: Swinburne University offers the [Master of Physiotherapy](#) and the entry requirements are a completed bachelor degree in a health science discipline (exercise and sports science, biomedical science, health science), and tertiary level studies in human musculoskeletal anatomy and physiology.

There are so many similar definitions or statements of what a project manager does, and one useful website* states that project managers *ensure the project is completed on time and within budget, that the project's objectives are met and that everyone else is doing their job properly. Project managers oversee the project to ensure the desired result is achieved, the most efficient resources are used, and the different interests involved are satisfied.*

The website goes on to mention the typical industries project managers work or are employed in –

- Construction companies
- Architects
- Software producers
- Commercial retailers
- Engineering firms
- Manufacturers
- Public sector organisations
- Aviation

*[Target Jobs UK - Project Management](#)

Several universities in Victoria offer courses, or majors, focused on equipping students with a qualification or specialisation in project management, and some of these courses include –

INSTITUTION	COURSE	VCE PREREQUISITES	ATAR 2023
Deakin University	Business Analytics	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	70.25 (M)
	Construction Management		60.40 (GWF)
RMIT University	Aviation	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in any Mathematics.	70.20 (C)
	Construction Management	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	70.00 (C)
	Engineering (Civil and Infrastructure)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Further Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	81.35 (C/B)
	Information Technology	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	90.35 (C)
	Project Management	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	70.10 (C)
	Software Engineering	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	82.15 (C)
Swinburne University	Aviation Management	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	65.20 (H)
	Business Information Technology	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics.	77.55 (H)
	Digital Construction Management	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL).	57.20 (H)

C – City, C/B – City/Bundoora, H – Hawthorn, M – Melbourne, GWF – Geelong Waterfront

For a comprehensive list of all courses available, visit [VTAC](#).



PSYCHOLOGY DEGREES IN 2023

Psychology is a popular field of study in Australia and is taught at universities in every state and territory. With diverse workplace settings and areas of expertise, psychology can be a highly rewarding and satisfying career choice. Psychologists who complete postgraduate studies in specific areas of psychology may be eligible to receive area of practice endorsement from the Psychology Board of Australia.

Find out more at [Australian Psychological Society \(APS\) - Careers in Psychology](#)

Students are reminded that, for the most part, the only VCE prerequisite subject for university entry is an English. Students should verify this at [VTAC](#). Please note that after completion of an APAC accredited undergraduate degree, a further minimum of three years education and training in psychology is required to register as a psychologist in Australia.

Victorian universities that offer dedicated [APAC - Accredited](#) undergraduate psychology degrees include:

UNIVERSITY	COURSE	ATAR 2023
ACU	Psychology (Honours)	90.90 (M)
	Psychological Science	58.50 (M)
Deakin University	Psychology (Honours)	80.05 (M), 80.00 (G)
	Psychological Science	60.10 (M), 60.70 (G), n/p (W)
	Arts (Psychology)	60.05 (M), 60.15 (G)
	Human Resource Management (Psychology)	76.00 (M), 73.20 (GWF)
	Marketing (Psychology)	73.00 (M)
Federation University	Psychological Science	39.85 (Be), 46.55 (Ba)
La Trobe University	Psychology (Honours)	81.95 (M), 82.10 (B), n/p (A)
	Psychological Science	55.15 (M), 56.00 (B), 58.05 (A)
Monash University	Psychology	80.05 (C)
RMIT University	Psychology	65.10 (Ci)
	Social Science (Psychology)	65.55 (Ci)
	Criminology and Psychology	66.00 (Ci)
Swinburne University	Psychology (Honours)	82.25 (H)
	Psychological Sciences	55.65 (H)
Victoria University	Psychology (Honours)	81.00 (FP)
	Psychological Studies	n/p (FP)
	Criminal Justice and Psychological Studies	n/p (FP)

A – Albury Wodonga B – Bendigo Ba – Ballarat Be – Berwick C – Clayton Ci – City FP – Footscray Park G – Geelong Warrn Ponds
GWF – Geelong Waterfront Gi – Gippsland H – Hawthorn M – Melbourne W – Warranmbool

For a comprehensive list of all courses offering psychology, including it being offered as a major in arts and science degrees, as well as the many double-degree options, visit [VTAC](#).



PUBLIC HEALTH DEGREES IN 2023



[Wikipedia](#) states that *public health* is "the science and art of preventing disease, prolonging life and promoting human health through organized efforts and informed choices of society, organizations, public and private, communities and individuals". It goes on to say that *public health* aims to improve the quality of life through prevention and treatment of disease, including mental health. There are a few dedicated public health degrees offered by Victorian universities, and these are listed below. **For a comprehensive list of all courses offering studies (majors and minors) in public health, including the many double-degree options, visit [VTAC](#).**

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES	ATAR 2023
ACU M – Melbourne Campus	Public Health	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Public Health.	59.30 (M)
	Public Health/Business Administration		Business Administration, Public Health.	n/p (M)
	Public Health/Global Studies		Global studies, Public Health.	69.65 (M)
	Biomedical Science/Public Health	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in any Mathematics.	Biomedical Science, Public Health.	n/p (M)
	Exercise Science/Public Health	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Exercise Science, Public health.	n/p (M)
Deakin University M – Melbourne Campus G – Geelong Waurin Ponds	Nursing/Public Health and Health Promotion	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Acute care, Aged care, Anatomy and physiology, Behavioural science, Child and adolescent health, Clinical practice, Communications, Community health, Environmental health, Epidemiology, Health promotion, Health sciences, Mental health, Nutrition, Professional studies, Program planning, Public health.	73.20 (M) 70.45 (GWF)
	Public Health and Health Promotion		Disability and inclusion, Environmental health, Exercise science, Family, society and health, Food studies, Health, nature and sustainability, Medical biotechnology, Nutrition, Physical activity and health, Psychology for allied health.	60.15 (M) n/p (G)
	Public Health and Health Promotion/Commerce		Accounting, Economics, Finance, Financial planning, Human resource management, Management, Management information systems, Marketing.	82.50 (M)
La Trobe University B – Bendigo Campus M – Melbourne Campus	Health Sciences (Public Health major)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Public health.	56.90 (M) n/p (B)
Monash University C – Caulfield Campus	Public Health	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	Epidemiology, Global Health, Health and Human Development, Health promotion, Health sciences, Public health, Public health science, Social science, Sociology.	78.70 (C)



PUBLIC RELATIONS DEGREES IN 2023



Public relations officers plan, develop, put into place and evaluate information and communication strategies that present an organisation to the public, clients and other stakeholders. They also promote good information flow within their organisation - [Good Universities Guide - Public Relations Officer](#).

Several universities in Victoria offer **public relations** degrees, or **public relations** as a **major** in other degrees – usually arts or business degrees.

For a comprehensive list of courses offering public relations (including the many double-degree options) on offer at universities, visit [VTAC](#).

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES IN 2023	ATAR 2023
DEAKIN M – Melbourne G – Geelong Warrn Ponds	Communication (Public Relations)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Public relations.	60.80 (M) 60.80 (G)
MONASH Ca – Caulfield	Media and Communication	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL.	Journalism, Media, Public relations , Screen.	72.35 (Ca)
RMIT C – City	Communication (Professional Communications)	Units 3 and 4: a study score of at least 30 in any English.	Advertising, Asian studies, Cinema studies, Communication, Journalism, Literature, Media production, Politics, Popular culture, Public relations .	72.95 (C)
	Communication (Public Relations)	Units 3 and 4: a study score of at least 30 in any English.	Brand management, Business practice, Communication management, Communication research, Content development, Marketing communication, Professional practice, Public relations , Social media, Strategic planning, Writing.	72.30 (C)
SWINBURNE H – Hawthorn * - Professional degree (4-year)	Media and Communication (Professional) * Media and Communication	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Advertising, Cinema and screen studies, Creative writing and literature, Digital advertising technology, Journalism, Media industries, Professional Writing and Editing, Public relations , Social media.	72.25 (H) * 55.00 (H)

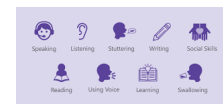
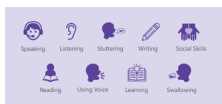


SCIENCE DEGREES IN 2023



The Bachelor of Science is offered at the following Victorian universities and students are encouraged to visit [VTAC](#) for more information on these and other science-related courses – particularly the **majors** on offer – as well as the numerous double degree options, and/or browse each university link provided below.

UNIVERSITY	VCE PREREQUISITES	ATAR 2023
<u>DEAKIN</u> M – Melbourne campus G – Waurin Ponds campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	61.05 (M) 60.00 (G)
<u>FEDERATION</u> Science <u>Science (Advanced)</u> B – Berwick Gi – Gippsland campus Mt H – Mt Helen campus	Units 3 and 4: a study score of at least 20 in any Mathematics or at least 20 in any Science; Units 3 and 4: a study score of at least 20 in any English. Units 3 and 4: a study score of at least 30 in any English; Units 3 and 4: a study score of at least 30 in two units (any study combination) of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 30 in one of Biology, Chemistry, Environmental Science, Geography, Physics or Psychology.	52.70 (B) n/p (Gi) 51.35 (Mt H) n/p (B) n/p (Gi) n/p (Mt H)
<u>LA TROBE</u> M – Melbourne campus B – Bendigo campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; and a study score of at least 20 in any Mathematics.	68.55 (M) 69.50 (B)
<u>MONASH</u> Science <u>Science Advanced Global</u> <u>Science Adv. Research</u> C – Clayton campus R.C. – Range of Criteria	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, Environmental Science, Geography, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physics or Psychology. <u>Science Advanced – Global Challenges:</u> Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 30 in one of Biology, Chemistry, Environmental Science, Geography, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physics or Psychology. <u>Science Advanced – Research:</u> Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; Units 3 and 4: a study score of at least 30 in Maths: Mathematical Methods; Units 3 and 4: a study score of at least 30 in two of Biology, Chemistry, Environmental Science, Geography, Maths: Specialist Mathematics, Physics or Psychology.	82.00 (C) n/p (C) 93.05 (C)
<u>RMIT</u> C – City campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	67.70 (C)
<u>SWINBURNE</u> H – Hawthorn campus ** Professional degree	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in any Mathematics.	58.25 (H) 71.95 H) **
<u>UNI MELBOURNE</u> P – Parkville campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics. --OR-- Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in both of Maths: Mathematical Methods and Maths: Specialist Mathematics.	85.00 (P)
<u>VICTORIA</u> FP – Footscray Park campus *Not Foundation Maths	<u>Science - Biotechnology, or Ecology and Environmental Management:</u> Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics*.	n/p (FP)



SPEECH PATHOLOGY AND AUDIOLOGY DEGREES IN 2023

Speech Pathologists study, diagnose and treat communication and swallowing disorders, including difficulties with speech, language, fluency and voice. Four Victorian universities offer an undergraduate degree in Speech Pathology, and these courses on offer are listed below. A number of these universities also offer graduate courses in speech pathology.

Audiologists are health care professionals who identify, assess and manage disorders of hearing, balance and other neural systems.

Note: The University of Melbourne offers a [Master of Speech Pathology](#) and the entry requirement for this course is the successful completion of an undergraduate degree in a relevant discipline (Science, Biomedicine, Linguistics, Phonetics, Education, Psychology).

The University of Melbourne also offers a [Master of Clinical Audiology](#), and the entry requirements are an undergraduate degree in a relevant discipline (Science, Health Sciences, Biomedicine, Linguistics, Phonetics, Psychology, Music), or equivalent.

INSTITUTION	COURSE NAME	VCE PREREQS	ATAR 2023
Australian Catholic University M – Melbourne	Bachelor of Speech Pathology	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, Health And Human Development or Physics.	91.25 (M)
Federation University B – Ballarat G – Gippsland	Bachelor of Speech Pathology (Honours)	Units 3 and 4: a study score of at least 30 in any English; Units 1 to 4: a study score of at least 25 in one of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education or Physics.	n/p (B) n/p (G)
La Trobe University Master of Clinical Audiology * B – Bendigo M – Melbourne	Bachelor of Speech Pathology (Honours)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education or Physics.	71.80 (B) 86.95 (M)
	Bachelor of Biomedicine and Master of Clinical Audiology *	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	80.40 (M)
	Bachelor of Health Sciences and Master of Clinical Audiology *		77.45 (M)
	Bachelor of Psychological Science and Master of Clinical Audiology *		n/p (M)
Victoria University *Not Foundation Maths F – Footscray Park	Bachelor of Speech and Language Sciences/Master of Speech Pathology	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in two of Biology, Chemistry, Health And Human Development, any LOTE, any Mathematics*, Physics, Psychology, Sociology or Texts And Traditions.	81.15 (F)



TEACHING DEGREES – EARLY CHILDHOOD IN 2023



Unless otherwise indicated* Early Childhood undergraduate teaching degrees all have the same VCE prerequisites: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. Unless otherwise stated, these degrees are also 4-year degrees.

Students are also to take note that they may be required to sit the [CASPer](#) as part of their selection into a teaching course, attain a **minimum ATAR of 70.00**, and may also be required to undertake the [Literacy and Numeracy Test for Initial Teacher Education](#) prior to graduating.

For a comprehensive list of all teaching courses - including full-fee courses at TAFE institutions, campuses they are offered at, their exact prerequisites, their majors, and other double degrees they might be linked to, visit [VTAC](#).

INSTITUTION	COURSE	2023 REQ's
ACU	Early Childhood Education (Birth to Five Years) *	ATAR – 61.05 (Melb)
	Education (Early Childhood and Primary)	ATAR – 71.15 (Melb) 73.55 (Ballarat) CASPer or ACU Teacher Selector Statement
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – n/p but (AW) minimum 65.00
DEAKIN	Early Childhood Education (3-year degree) *	ATAR – 63.55 (Burwood)
DEAKIN	Early Childhood and Primary Education *	ATAR – n/p (Burwood) CASPer
FEDERATION	Education (Early Childhood Education) (3-year degree) *	ATAR – 49.50 (Berwick) 56.40 (Ballarat)
	Education (Early Childhood and Primary)	ATAR – 73.15 (Berwick) n/p (Ballarat) n/p (Gippsland) CASPer
LA TROBE	Early Childhood and Primary Education	ATAR – n/p (Bendigo) n/p (Melb) n/p (Shep) CASPer
MELBOURNE POLYTECHNIC	Early Childhood Education (3-year) *	Interview (Preston)
MONASH	Education (Honours) (Early Childhood and Primary)	ATAR – 70.65 (Peninsula) CASPer
RMIT	Education (Primary and Early Childhood Education)	ATAR – 70.45 (Bundoora) CASPer
SWINBURNE	Education (Early Childhood and Primary) *	ATAR – n/p (Hawthorn) CASPer
SWINBURNE	Education (Early Childhood Teaching) *	ATAR – 62.55 (Hawthorn)
VIC UNI	Early Childhood Education (3-year degree) *	ATAR – n/p (City)
VIC UNI	Early Childhood Education and Leadership *	ATAR – n/p (City)



TEACHING DEGREES – PRIMARY EDUCATION IN 2023



Unless otherwise indicated* primary undergraduate teaching degrees all have the same VCE prerequisites: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. Unless otherwise stated, these degrees are also 4-year degrees. **Students are also to take note that they may be required to sit the [CASPer](#) as part of their selection into a teaching course, attain a **minimum ATAR of 70.00**, and may also be required to undertake the [Literacy and Numeracy Test for Initial Teacher Education](#) prior to graduating. Visit [VTAC](#) for a comprehensive list of all teaching courses and prerequisites for entry.**

INSTITUTION	COURSE	2023 REQ's
ACU These courses require the CASPer or ACU Teacher Selector Statement	Education (Early Childhood and Primary) *	ATAR – 71.15 (M) 73.55 (B)
	Education (Primary)	ATAR – 70.00 (M) 72.25 (B)
	Education (Primary and Special Education)	ATAR – 70.45 (M) 80.40 (B)
	Education (Primary and Secondary)	ATAR – 70.65 (M)
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – n/p, min 65.00 (AW)
	Education (K-12) *	ATAR – 76.70 (AW)
DEAKIN ^	Early Childhood and Primary Education *	ATAR – n/p (M)
DEAKIN ^ ^Both courses require the CASPer	Education (Primary) *	ATAR – n/p (M) n/p (WP) n/p (WB)
FEDERATION These courses require the CASPer	Education (Early Childhood and Primary)	ATAR – 73.15 (Be) n/p (Gi) n/p (Ba)
	Education (Primary)	ATAR – 70.25 (Be) 71.15 (Ba) 73.95 (Gi)
LA TROBE These courses require the CASPer	Early Childhood and Primary Education	ATAR – n/p (Bendigo) n/p (Melbourne) n/p (Shep)
	Education (Primary) *	ATAR – 70.35 (M) 73.30 (Be) n/p (Mi) (Sh)
	Arts/Master of Teaching (Primary) *	ATAR – n/p (M)
MELBOURNE POLYTECHNIC	Education (Early Years and Primary) (3-year degree) *	ATAR – n/p (Pre) Interview
MONASH These courses require the CASPer	Education (Honours) (Early Childhood and Primary)	ATAR – 70.65 (P)
	Education (Honours) (Primary)	ATAR – 70.05 (P)
	Education (Honours) (Primary and Secondary)	ATAR – 71.00 (CI)
	Education (Honours) (Primary and Secondary Health & PE)	ATAR – 70.70 (P)
	Primary and Secondary Inclusive and Special Education (Honours)	ATAR – 71.60 (CI)
	Education (Honours) (Primary)/Arts	ATAR – 80.10 (CI)
	Education (Honours) (Primary)/Fine Arts	ATAR – R.C. (CI)
	Education (Honours) (Primary)/Music	ATAR – R.C. (CI)
RMIT These courses require the CASPer	Education (Honours) (Primary)/Science *	ATAR – 82.25 (CI)
	Education (Primary Education)	ATAR – 71.10 (Bu)
	Education (Primary Education and Disability Inclusion)	ATAR – n/p (Bu)
	Education (Primary and Early Childhood Education)	ATAR – 70.45 (Bu)
SWINBURNE These courses require the CASPer	Education (Primary and Physical Education/Sport)	ATAR – n/p (Bu)
	Early Childhood and Primary *	ATAR – n/p (H)
VIC UNI CASPer required	Education (Primary) *	ATAR – n/p (H)
	Education (P - 12)	ATAR – n/p (F)



TEACHING DEGREES – SECONDARY EDUCATION IN 2023



Unless otherwise indicated* secondary undergraduate teaching degrees all have the same VCE prerequisites: Units 1 and 2: satisfactory completion in two units (any study combination) of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. Unless otherwise stated, these degrees are also 4-year degrees. **Students are also to take note that they may be required to sit the [CASPer](#) as part of their selection into a teaching course, attain a minimum ATAR of 70.00, and may also be required to undertake the [Literacy and Numeracy Test for Initial Teacher Education](#) prior to graduating.**

For a comprehensive list of all teaching courses, their exact prerequisites, their majors and other double degrees they might be linked to, visit [VTAC](#).

INSTITUTION	COURSE	2023 REQ's
ACU CASPer or ACU Teacher Selector Statement for each of these degrees	Education (Secondary)	ATAR – 72.30 (M)
	Education (Secondary and Special Education)	ATAR – min 70.00 (M)
	Education (Secondary)/Arts (Humanities)	ATAR – 73.50 (M)
	Education (Secondary)/Arts (Mathematics)	ATAR – 81.65 (M)
	Education (Secondary)/Arts (Visual Arts)	ATAR – 70.60 (M)
	Education (Secondary)/Exercise Science	ATAR – 71.80 (M)
CHARLES STURT	Education (K-12) *	ATAR – 76.70 (AW)
DEAKIN	Health and Physical Education *	ATAR – n/p (M), n/p (G) CASPer
	Arts/Master of Teaching (Secondary) *	ATAR – 60.15 (M)
	Science/Master of Teaching (Secondary) *	ATAR – 66.60 (M)
FEDERATION These courses require the CASPer	Secondary Education	ATAR – 70.15 (Ba) min 70.00 (Gi) min 70.00 (Be)
	Secondary Education (Health and Physical Education)	ATAR – min 70.00 (Ba) min 70.00 (Gi) 73.60 (Be)
LA TROBE These courses require the CASPer	Education	ATAR – 71.50 (Be) 71.80 (M) n/p (AW), (Mi), (Sh)
	Education (Secondary)	ATAR – 72.50 (M) n/a (AW), (Be), (Sh)
	Arts/Master of Teaching (Secondary) *	ATAR – 60.30 (M)
MONASH These courses require the CASPer	Education (Honours) (Secondary)/Arts	ATAR – 80.05 (CI)
	Education (Honours) (Secondary)/Business *	ATAR – 82.65 (CI)
	Education (Honours) (Secondary)/Fine Arts	ATAR – 83.10 plus folio (CI)
	Education (Honours) (Secondary) Health & PE)	ATAR – 70.50 (P)
	Education (Honours) (Secondary)/Music	ATAR – 82.50 plus audition (CI)
	Education (Honours) (Secondary)/Science *	ATAR – 82.85 (CI)
RMIT	Health, Physical Education and Sport (Secondary)	ATAR – 70.65 (Bu) CASPer
UNI MELBOURNE	Arts/Master of Teaching (various streams) *	ATAR – 95.20 (P)
	Design/Master of Teaching (various streams) *	ATAR – n/p, min 95.00 (P)
	Science/Master of Teaching (various streams) *	ATAR 95.20 (P)
VIC UNI Foundation Maths not accepted	Education (P – 12)	ATAR – n/p (F) CASPer
	Science/Master of Teaching *	ATAR – n/p (F)



TRAVEL & TOURISM COURSES IN 2023



Travel and/or tourism courses are offered at a number of Victorian institutions. Some of these courses are listed below.

Students are encouraged to visit [VTAC](#) for a comprehensive list.

UNIVERSITY	COURSE	MAJOR STUDIES IN 2023
Holmesglen Institute	Certificate III in Tourism	Students learn how to lead tour groups, check in guests at a hotel, and about tourism products and services, and how to sell and quote to clients. They will use an industry booking system to book domestic and international flights and issue air tickets and learn all about the cruise industry, even gaining membership to the cruise industry association CLIA.
La Trobe University	Bachelor of Business (Tourism and Hospitality)	Tourism and hospitality.
Victoria University	Bachelor of Business (Tourism and Hospitality Management)	Accounting, Analytics, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics, Tourism and Hospitality Management .
	Diploma of Travel and Tourism Management	Business, Hospitality, Tourism & Events.
William Angliss Institute	Bachelor of Tourism	Designing for the Visitor Experience, Destination Concepts, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to Marketing, Introduction to the Tourism Industry, Management Fundamentals, Niche Tourism, People and Place, Planning for Tourism, Risk and Legal Issues, Strategy Change and Leadership, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Futures, Tourism Theories and Concepts, Visitor Services.
	Bachelor of Tourism (Ecotourism)	Delivering Thematic Interpretation, Designing Thematic Interpretation, Designing for the Visitor Experience, Destination Concepts, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Interpret Natural Landscape, Introduction to Marketing, Introduction to the Tourism Industry, Management Fundamentals, People and Place, Risk and Legal Issues, Strategy Change and Leadership, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Futures, Tourism Theories and Concepts, Understanding Natural Landscapes, Visitor Services.
	Bachelor of Tourism (Marketing)	Designing for the Visitor Experience, Destination Concepts, Digital and Social Media in Tourism, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to Marketing, Introduction to the Tourism Industry, Management Fundamentals, People and Place, Risk and Legal Issues, Strategy Change and Leadership, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Market Research, Tourism Marketing Data and Analytics, Tourism Theories and Concepts, Tourist Behaviour, Visitor Services.
	Bachelor of Tourism and Hospitality Management	Current Issues in Tourism and Hospitality, Financial Analysis and Decision Making, Financial Concepts, Food and Beverage Knowledge, Food and Beverage Service Management, Human Resource Operation for the Services Industry, Innovation and Entrepreneurship, Introduction to the Tourism Industry, Management Fundamentals, Menu Design and Engineering, People and Place, Project Restaurant, Risk and Legal Issues, Strategy, Change and Leadership, Sustainable Procurement for the Hospitality and Tourism Industry, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Theories and Concepts, Wine Design.
	Associate Degree in Tourism	Designing for the Visitor Experience, Destination Concepts, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to Marketing, Introduction to the Tourism Industry, Management Fundamentals, Niche Tourism, People and Place, Planning for Tourism, Risk and Legal Issues, Strategy Change and Leadership, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Futures, Tourism Theories and Concepts, Visitor Services.
	Diploma/Advanced Diploma of Travel and Tourism Management	Attractions and theme parks, Computer reservation systems, Customer service, International airfares, Tour wholesaling, Tourism, Travel and Tourism management, Travel sales, Visitor information services.



VETERINARY SCIENCE DEGREES IN 2023



Included in this matrix are a range of courses specific to *Veterinary Science* or *Veterinary Technology* or *Veterinary Medicine* on offer across Australia.

Veterinarians diagnose, treat and help to prevent disease and injury in animals. They advise on measures to prevent the occurrence or spread of diseases and on ways to improve the health and productivity of animals, and supervise safety standards on food supplies. (Good Careers Guide).

Veterinary Science and Veterinary Medicine are similar fields – both involve working with animals, however careers in veterinary medicine focus on hands-on animal care, while veterinary science careers tend to focus more on research and instruction (Indeed Careers Guide)

Note: Veterinary Nursing and Veterinary Bioscience are listed in the *Animals, Conservation, Wildlife & Zoology* Matrix

INSTITUTION	COURSE	VCE ENTRY REQUIREMENTS
Charles Sturt University	Bachelor of Veterinary Biology / Bachelor of Veterinary Science	Assumed knowledge: An English, Maths Methods, Chemistry An ATAR of 90.00+
	Bachelor of Veterinary Technology	Assumed knowledge: An English, Chemistry, Maths Methods An ATAR of 60.00+
James Cook University	Bachelor of Veterinary Science (Honours)	Assumed knowledge: An English, Maths Methods, Chemistry An ATAR of 94.00+
Murdoch University	Bachelor of Science / Doctor of Veterinary Medicine	An English An ATAR of 98.00+
University of Adelaide	Bachelor of Veterinary Technology	Units 3 and 4: English, Maths Methods An ATAR of 75.00+
	Bachelor of Science (Veterinary Bioscience) / Doctor of Veterinary Medicine <small>Note: Students complete the B Sci (Veterinary Biosciences) before articulating into the Doctor of Veterinary Medicine</small>	Units 3 and 4: English, Chemistry, Maths Methods, and Physics is recommended An ATAR of 90.00+
University of Melbourne	Bachelor of Science / Doctorate of Veterinary Medicine <small>Note: Students complete the B Sci (with major in Veterinary Biosciences) before articulating into the Doctorate of Veterinary Medicine</small>	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods (any) or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics. --OR-- Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in both of Maths: Mathematical Methods (any) and Maths: Specialist Mathematics. An ATAR of 85.00 for BSci or 98.50 for guaranteed package
University of Queensland	Bachelor of Veterinary Science (Honours)	Units 3 and 4: an English, Maths Methods, Chemistry, and Physics OR Biology An ATAR of 99.40+ and the CASPer Test is used for selection
	Bachelor of Veterinary Technology	Units 3 and 4: an English, General Maths or Maths Methods. Biology, Chemistry and/or Physics are recommended An ATAR of 78.00+
University of Sydney	Bachelor of Veterinary Biology / Doctor of Veterinary Medicine	Units 3 and 4: English, Maths Methods, Chemistry, and Physics. Biology is highly recommended. An ATAR of 98.00+

YOUTH WORK AND/OR SOCIAL WORK DEGREES IN 2023



According to the [Good Universities Guide - Youth Worker](#), **Youth workers** develop and facilitate programs to work with and support young people, either individually or in groups, in order to address social, behavioural, welfare, developmental and protection needs. They work closely with teachers, social and welfare workers, local authorities, health professionals, refuge workers, parents and, in some instances, the police

Social workers help people to deal with personal and social problems, either directly or by planning or carrying out programmes that benefit groups or communities. They are interested in challenging the structural barriers that contribute to inequality, discrimination, exploitation, and oppression within communities. Social workers can specialise in a range of different practice areas such as children and family, youth, violence, and sexual assault, medical and health, child protection, income support, disability, education, aged care, correctional services, family law, youth justice, community legal, psychiatric and general mental health, refugees and migrants, and Indigenous communities. - [Good Universities Guide - Social Worker](#).

For the most part, and English/EAL is the only VCE prerequisite for the following Youth Work or Social Work degrees at the following institutions in Victoria:

INSTITUTION	MAJOR STUDIES	ATAR 2023
Australian Catholic University Youth Work	Youth Work.	62.70 (M)
Deakin University Social Work	Behavioural science, Case management, Community development, Social work.	61.25 (GWF)
La Trobe University Social Work	Social work.	55.10 (M) n/p (AW) 61.00 (Be) 59.15 (Mi)
RMIT University Youth Work and Youth Studies	Advocacy, Community work and development, Cross-cultural studies, Indigenous studies, Justice studies, Organisational studies, Policy studies, Politics, Research methods, Social theory, Sociology, Youth studies, Youth work practice.	61.00 (C)
Social Work	Community work, Cross-cultural studies, Human rights and advocacy, Indigenous studies, International studies, Organisational studies, Politics, Professional practice, Psychology, Research methods, Social policy, Social sciences, Social theory, Social work, Society.	68.45 (C)
Social Work/Psychology	Community work, Cross-cultural studies, Human rights and advocacy, Indigenous studies, Organisational studies, Politics, Professional practice, Psychological testing and assessment, Psychology, Psychology (cognitive), Psychology (developmental), Psychology (personality), Psychology (social), Psychopathology, Social policy, Social theory, Social work, Society.	70.05 (C)
Victoria University Youth Work	Youth work.	n/p (F)
Youth Work and Criminal Justice	Criminal justice, Youth work.	n/p (W)
Youth Work/Sport Management	Youth work.	n/p (F)
Social Work	Social work.	n/p (FN)

For a list of other related courses, with double-degree options, visit [VTAC](#).