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ACCOUNTING DEGREES 2021



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 for more comprehensive information on these and other courses – including double-degrees – that offer accounting.

INSTITUTION	COURSE	MAJOR STUDIES IN 2021	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 2021: 58.85
CHARLES STURT	Accounting	Accounting, auditing, business (law), business (management), business (taxation), finance, financial accounting, management accounting.	n/a ATAR 2021: n/a
FEDERATION UNIVERSITY	Professional Accounting	Accounting, Taxation, Law, Auditing, Finance and Economics	Units 3 and 4: a study score of at least 20 in any English. ATAR 2021: 56.45 (Berwick)
LA TROBE UNIVERSITY	Accounting	Accounting, Auditing, Business law, Economics, Financial 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 2021: 66.45 (Melbourne)
	Business (Accounting)	Accounting, Business, Business Law, Finance.	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. ATAR 2021: 56.60 (Melbourne)
	Business (Accounting and Finance)	Accounting, Finance.	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. ATAR 2021: 57.60 (Melbourne)
MONASH UNIVERSITY	Accounting	Accounting.	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 2021: 81.35 (Caulfield)
RMIT UNIVERSITY	Business (Professional Accountancy)	Accounting, Auditing, Auditing and taxation, Business, Business (accounting), Business (economics), Business (law), Business (taxation), Financial accounting, Management accounting, Taxation and auditing.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2021 75.20
	Business (Accountancy)	Accounting, Auditing, Auditing and taxation, Business, Business (accounting), Business (economics), Business (law), Business (taxation), Financial accounting, Management accounting, Taxation and auditing.	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. ATAR 2021: 65.85
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 2021: 57.15
	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 2021: 83.35
VICTORIA UNIVERSITY	Business (Accounting)	Accounting, 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.	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. ATAR 2021: n/a



AGRICULTURE DEGREES 2021



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](#).

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2021
BOX HILL INSTITUTE	Bachelor of Biosecurity Science	Units 3 and 4: satisfactory completion of any English; Units 3 and 4: satisfactory completion of any Mathematics.	Biosecurity Science (Lilydale Lakeside campus)
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.	Agribusiness, Agricultural biotechnology, Agricultural marketing, Agricultural science, Agriculture, Agronomy, Animal and plant biology, Plant and animal production, Soil science.
	Bachelor of Agriculture & Technology	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agronomy, Sports turf science and management, Viticulture and winemaking.
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.
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, Sensory Education.



ANIMALS, CONSERVATION, WILDLIFE & ZOOLOGY COURSES 2021



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 2021
DEAKIN UNIVERSITY ATAR: 61.10 (Melbourne) ATAR: 52.15 (Warrnambool) ATAR: 66,8 (Geelong) ATAR: 74.40 (Melbourne) ATAR: 65.30 (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.	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, Indigenous engagement, 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.
	Environmental Science (Marine Biology)	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 plant biology, Aquaculture, Aquatic resource management, Aquatic science, Biology, Ecological studies, Ecology (sustainability), Ecosystem management, Environmental science, Fisheries, Freshwater biology, Freshwater ecology, Geographic information systems, Land and water management, Marine and coastal management, Marine biology, Marine ecology, Marine environment, Natural resource management, Professional practice, Science, Water quality 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.	Biology, Chemistry, Fisheries and aquaculture, Marine biology and ecology, Modelling, Ocean and coastal processes, Physics, Science quantitation.
	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 diversity, Animal husbandry, Biology, Botany, Conservation biology/ecology, Ecological studies, Ecosystem management, Environmental science, 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, Conservation genetics, Disease ecology, Ecology, Ecophysiology, Evolutionary biology, Genetics, Marine biology, Ornithology, Physiology, Science, Sensory ecology and neurobiology, Wildlife disease, Wildlife ecology and conservation, Wildlife management, Zoology.
FEDERATION UNIVERSITY ATAR: 50.60 (Berwick) ATAR: 52.90 (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 one of any Mathematics or any Science.	Australian Ecosystems, Australian Flora and Fauna, Biology, Botany, Ecology, Ecosystem Conservation, Environmental Geology, Environmental Management, Environmental Studies, Landscape Restoration, Park and Reserve Management, Pest Plants & Animals, Water, Wildlife, Zoology.
	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.	Animal Behaviour, Animal Health, Ecology, Veterinary Science.
LA TROBE UNIVERSITY ATAR: 60.60 (Melbourne) ATAR: 55.25 (Melbourne) ATAR: 67.10 (Melbourne) ATAR: 87.95 (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 plant biology, Animal biotechnology, Animal breeding, Animal health, Animal science, Animal welfare, Biochemistry, Biology, Genetics, Microbiology, Molecular and cell biology, Nutrition and feed production, Plant and animal production, Veterinary science, Zoology.
	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.	Animal and plant biology, Biochemistry, Biology, Biosciences, Biotechnology, Botany, Ecology, Environmental management, Genetics, Human biology, Microbiology, Molecular Biology, Physiology, 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.	Advanced medical veterinary nursing, Advanced surgical veterinary nursing, Anaesthesia, Animal anatomy, Animal care and management, Animal health, Animal physiology, Animal welfare and ethics, Communication skills, Evidence based approach, Human and physical resource management, Radiology, Veterinary nursing practice.
	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.	Animal and plant biology, Biology, Botany, Conservation biology and ecology, Ecological studies, Ecology (sustainability), Environment and sustainability, Environmental geoscience, Environmental management, Environmental studies, Fire management, Genetics, Wildlife and Conservation Biology, Wildlife management, Zoology.



ANIMATION & GAMING COURSES 2021



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 2021
DEAKIN	Design (3D Animation)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	2D animation, 3D animation, 3D motion, Animation, Animation production, Audio and visual effects, Character design and rigging, Compositing, Creative arts, Design thinking, Documentary and experimental filmmaking, Film and television, Film studies, Film titling, Game design, Interactive art, Media, Modelling, Motion capture, Narrative, Photography, Project management, Screen production, Screen studies, Stereoscopy, Stop motion animation, Storyboarding, Visual communication design.
FEDERATION	Games Development	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	3D Modelling & Animation, Agile Coding, Big Data & Analytics, Cloud & Enterprise Computing, Communications & Technology, Computer Games Design, Data Modelling, Game Development Fundamentals, Game Programming, IT Problem Solving, IT Professional Engagement, IT Project Management Techniques, Mobile Development Fundamentals, Networking & Security, Professionalism & Entrepreneurship, Systems Modelling, Understanding the Digital Revolution, User Experience, Web Design.
MONASH	Design/Media Communication	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, Digital media, Furniture design, Graphic design, Illustration, Industrial design, Interactive design, Journalism, Materials technology, Media, Product design and development, Public relations, Screen, 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 animation, 3D design, Arts (contemporary), Computer graphics, Computer programming, Digital animation (games), Digital art and design, Digital imaging, 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.
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 2021



Below is a list of some single undergraduate degrees offering architecture, building & construction, and surveying as specialisations at Victorian institutions. To find out about all similar courses on offer (including double degree options) at both TAFEs and universities, visit [VTAC](http://www.vtac.edu.au). Students are encouraged to explore pathway courses to these degrees.

INSTITUTION	COURSE	VCE PREREQUISITES	2021 ENTRY REQUIREMENTS
Deakin (Geelong Waterfront 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 71.10
	Construction 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 60.00
Monash (Caulfield Campus)	Architectural Design (with automatic entry into the 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 80.00
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. Architecture Selection task Interview (some)
	Landscape 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 R.C. Landscape Architecture task Folio Presentation (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 80.05
	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.	ATAR 73.35
	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 73.20
Swinburne (Hawthorn Campus)	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 71.30
	Interior Architecture	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 Art, Product Design And Technology, Media, Creative And Digital Media (VCE VET) I, Studio Arts, Systems Engineering or Visual Communication Design.	ATAR 67.15
University of Melbourne (Parkville Campus)	Design	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</i>	ATAR 85.05
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/a
	Construction 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 n/a



ARTS DEGREES ON OFFER IN VICTORIA 2021



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.

INSTITUTION	MAJOR STUDIES IN 2021	ATAR 2021
<u>ACU</u> M – Melbourne Campus	Business studies, Drama, Economics, Education Studies, English/Literature, History, Mathematics, Media, Music, Philosophy, Politics and International Relations, Psychology, Sociology, Study of Religions/Theological Studies, Visual arts.	60.65 (M)
<u>DEAKIN</u> G – Geelong Waurin Ponds Campus M – Melbourne Campus	Advertising, Anthropology, Arabic, Buddhist studies, Children's literature, Chinese, Creative writing, Criminology, Digital media, Education, Film, television and animation, Gender and sexuality studies, Geography and society, History, Indonesian, International relations, Islamic studies, Journalism, Language and culture studies, Literary studies, Media studies, Middle East studies, Philosophy, Photography, Politics and policy studies, Public relations, Religious studies, Sociology, Spanish, Sport and society, Sustainability, Visual arts.	60.35 (G) 60.00 (M)
<u>FEDERATION UNI</u> B – Berwick Campus G – Gippsland Campus MH – Mount Helen Campus	History, Indigenous studies, Literature, Media and Screen Studies, Sociology, Writing.	38.15 (B) 48.00 (G) 46.20 (MH)
<u>LA TROBE</u> M – Melbourne Campus AW – Albury Wodonga Campus B – Bendigo Campus Mi – Mildura Campus S – Shepparton Campus <i>Note: Fewer majors are offered at the AW, B, Mi, and S campuses</i>	Aboriginal studies, Ancient societies and human origins, Anthropology, Asian studies, Biochemistry, Botany, Chinese studies, Classics and ancient history, Creative and professional writing, Crime, justice and legal studies, Economics, English, Environmental geoscience, Environmental humanities, Event management, Financial management, French studies, Gender, sexuality and diversity studies, Genetics, Health promotion, Health, wellbeing and performance, History, Human resource management, Indonesian studies, International business, International studies, Italian studies, Japanese studies, Latin American studies, Linguistics, Management, Marketing, Mathematics, Microbiology, Modern Greek studies, Philosophy, Politics, Psychology, Public health, Rehabilitation counselling, Screen media and performance, Sociology, Spanish studies, Sport management, Statistics, Sustainability and development, Tourism and hospitality, Visual cultures, Zoology.	60.10 (M) 59.45 (AW) 57.80 (B)
<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, European languages (French, German, Italian, or Spanish and Latin American), Film and screen studies, Gender studies, Global Asia, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Islamic studies (minor), Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics and English language, Literary studies, Music, Philosophy, Politics, Psychology, Religious studies (minor), Social science, Sociology, Theatre and performance (minor), Ukrainian studies (minor).	77.00 (Ca) 81.10 (Cl)
<u>SWINBURNE</u> H – Hawthorn Campus ** Professional Degree	Advertising, Cinema and screen studies, Creative writing and literature, Criminology, Digital advertising technology, Environmental sustainability, Games and Interactivity, Global studies, History, Indigenous studies, Journalism, Media industries, Philosophy, Politics and international relations, Professional writing and editing, Social media, Sociology.	55.80 (H) 70.85 (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 studies, Knowledge and learning (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies.	85.00 (P)
<u>VICTORIA UNI</u> FP – Footscray Park Campus	Communication studies, Digital media, History, Literary studies, Political Science, Psychology, Sociology, Visual Arts, Writing.	n/a (FP)



AVIATION COURSES IN VICTORIA IN 2021



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 2021
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.
	Applied Science (Aviation)	Aviation, Piloting.
	Applied Science (Aviation) <i>Two specialised streams:</i> a) Aviation operations and management b) Piloting	Aviation, Aviation management, Aviation operations.
	Applied Science (Aviation)/Business (Management)	Aviation, Aviation Operations, Aviation management, Management.
SWINBURNE	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.
	Aviation/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, Commercial pilot licence, Entrepreneurship and innovation, Finance, Financial planning, Human resource management, Information systems, Logistics and supply chain management, Management, Marketing, Multi-engine command instrument rating.
	Aviation Management	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.
	Aviation Management/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, Entrepreneurship and innovation, Finance, Financial planning, Flight planning and performance, Human resource management, Information systems, Logistics and supply chain management, Management, Marketing.
	Laws/Aviation Management	Administrative law, Aircraft aerodynamics and performance, Airline planning and operations, Australian law and statutory interpretation, Aviation legal framework, Aviation regulation and operation, Civil procedure and alternative dispute resolution, Commercial law, Company law, Contract law, Copyright, Criminal law and procedure, Equity and trusts, Federal and state constitutional law, Intellectual property law, Land law, Legal practice and professional conduct, Misleading conduct, Patents and designs, Property law, Taxation law, Trade marks and related rights.
WILLIAM ANGLISS INSTITUTE	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/OR FINANCE DEGREES 2021



A number of universities in Victoria offer specific Banking and Finance, Accounting and Finance, or similarly-named degrees, and many of these are listed below. Students are encouraged to take note of the maths prerequisites that may differ between institutions.

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

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES IN 2021	ATAR 2021
ACU M - Melbourne	Accounting and Finance	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.	58.85 (M)
LA TROBE M - Melbourne	Accounting and Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, Finance	57.60 (M)
	Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Business, Economics, Financial management.	68.00 (M)
MONASH Ca – Caulfield Cl - Clayton	Banking and Finance	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.	84.75 (Ca)
	Finance	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.	n/a (Cl)
RMIT C - City	Economics and Finance	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Accounting, Business, Business (accounting), Business (economics), Business (finance), Business Finance, Econometrics, Economics, Finance, Financial Markets, International Economics, International Trade, Investment, Macroeconomics, Management (finance), Risk Management, Statistics, Treasury management.	65.10 (C) 80.05 (Applied)
VICTORIA CF – City Flinders <i>Note: Some majors are taught at the Footscray Park Campus</i>	Banking and Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Accounting, 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/a (CF)
	Financial 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.	Accounting, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Trade, Management and Innovation, Marketing, Supply Chain and Logistics.	n/a (CF)



BIOMEDICINE/BIOMEDICAL SCIENCE DEGREES 2021



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

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2021
ACU M - Melbourne	Biomedical Science ATAR: 58.65 (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 – Waurin Ponds	Biomedical Science ATAR: 80.15 (M) 72.40 (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: 50.60 (B) n/a (Gi) 63.90 (Ba)	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.	Anatomy and Physiology, Biochemistry, Biology, Chemistry, Genetic Sciences, Health sciences, Medical microbiology, Medical science, Microbiology, Pathophysiology, Pharmacology, Public health, Statistics.
LA TROBE M – Melbourne AW – Albury Wodonga B - Bendigo	Biomedical Science ATAR: 66.20 (AW) 61.45 (B)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biochemistry, Biomedical Science, Biosciences, Cell and molecular biology, Chemistry, Health, Medical science, Pharmacology.
	Biomedicine ATAR: 65.00 (M)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Biochemistry, Biomedical Science, Biomedicine, Biosciences, Cell and molecular biology, Chemistry, Health, Human Physiology, Medical science.
MONASH C - Clayton	Biomedical Science ATAR: 90.00 (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: 70.10 (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 Chemistry; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics.	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: 92.00 (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 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	Biomedical Science ATAR: n/a (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: 92.15 (F) n/a (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 2021**

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 2021	ATAR 2021
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.	59.55 (M)
CQU M - Melbourne	Business	n/a but an ATAR is used for selection	Accounting, Financial Planning, Human Resource Management, Management, Marketing, Property, Social Innovation.	n/a (M)
Charles Sturt AW – Albury Wodonga	Business Studies	n/a but an ATAR is used for selection	Accounting, business, business studies, entrepreneurship, finance, human resource management, information technology, international business, management, marketing, online technologies, small business management, social media.	n/a (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 communication, Economics, Entrepreneurship and innovation, Event management, Finance, International trade, Marketing, Organisational psychology, People management, Project management, Retail and supply chain management, Sustainability and development, Taxation regulation, Wealth management.	62.05 (M) 60.15 (G)
FEDERATION Be – Berwick Ba – Ballarat Gi - Gippsland	Business	Units 3 and 4: a study score of at least 20 in any English.	Human Resource Management, Management, Marketing.	38.95 (Be) 41.00 (Ba) n/a (Gi)
LA TROBE M – Melbourne Be – Bendigo AW – Albury Wodonga	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, Agribusiness, Business, Economics, Event Management, Financial Management, Human Resource Management, International Business, Management, Management and Marketing, Marketing, Sport Management, Tourism and Hospitality.	55.25 (M) 58.65 (Be) 55.25(AW)
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 25 in Maths: Further Mathematics or at least 22 in Maths: Mathematical Methods or at least 22 in Maths: Specialist 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.	81.20 (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 (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.	Accounting, Business, Business (management), Economics, Human resource management, Information Technology, Legal Studies, Logistics and Supply Chain Management, Management, Marketing.	46.70 (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, Accounting and financial planning, Business administration, Commerce, Entrepreneurship and innovation, Finance, Financial planning, Human resource management, Information systems, Logistics and supply chain management, Management, Marketing, Sports management.	55.10 (H) 70.10 * (H)
VICTORIA CF – City Flinders FP – Footscray Park	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, 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/a (CF) n/a (FP)



CIVIL ENGINEERING DEGREES 2021



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 2021
Deakin University G – Geelong Waurn Ponds 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.	64.05(G) 70.10 (M)
Federation University G – Gippsland Campus MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (G) n/a (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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	66.00 (M) n/a (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.	87.05 (C)
RMIT University C/B – City & Bundoora	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. New Bachelor of Engineering ^^ accepts 20 in Further Maths	80.15 (C/B) 78.05 (C) ^^
Swinburne University 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; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	72.40 (H) 76.35* (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/a (FP)

Visit [VTAC](#) for more information on these and other 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 2021
Chisholm TAFE	Remedial Massage	Satisfactory completion of a Year 12	n/a
RMIT	Chiropractic	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.90
	Osteopathy	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.60
	Remedial Massage and Myotherapy	Satisfactory completion of a Year 12	n/a
Victoria University	Osteopathy	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.	60.65



COMMERCE DEGREES 2021



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 2021	ATAR 2021
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.	60.35 (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, Agribusiness, Business analytics, Economics, Event management, Finance, Financial planning, Food and agribusiness, Global studies, Human resource management, International trade, Management, Management information systems, Marketing, Professional practice, Project management, Retail management, Social entrepreneurship, Taxation regulation, Wealth management.	70.00 (G) 80.05 (M) 61.20 (W)
FEDERATION B – Berwick Gi – Gippsland Ba – Ballarat	Commerce	Units 3 and 4: a study score of at least 20 in any English.	Economics and Finance.	58.85 (B) n/a (Gi) 40.80 (Ba)
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, Economics, Financial management, Management, Marketing.	80.20 (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.	90.10 (Cl)
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.	92.00 (P)



COMPUTER SCIENCE DEGREES 2021

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.

INSTITUTION	VCE PREREQUISITES	MAJOR STUDIES IN 2021
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. 2021 ATAR: 63.65 (M)	Algorithms, Artificial Intelligence, 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, Programming, Project management, Robotics, Sensors and data, Software design and development, System prototyping.
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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics. 2021 ATAR: 61.85 (M)	Algorithms and data structures, Artificial intelligence, Big data, Computer Science, Computer architecture, Computer programming, Database programming, Databases, Industrial collaboration and experience, Network security, Networks, Operating systems, Software engineering, Wireless technologies.
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. 2021 ATAR: 84.20 (CI)	Algorithms and data structures, Computational science, Computer graphics, Computer programming, Computer science, Computing, Data science, Databases, Distributed systems and applications, Information and communication technology, Information technology, Programming, Software development, Systems development.
RMIT 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 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics. 2021 ATAR: 80.05 (C)	Algorithms and data structures, Artificial intelligence, Big Data, Cloud computing, Computer and network security, Databases, Enterprise systems, Internet, Networks and data communications, Operating systems, Problem solving, Programming, Programming (.NET), Programming (C++), Programming (Java), Security, Software engineering, User-centred design.
SWINBURNE 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; Units 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics. 2021 ATAR: 60.75 (H) 2021 ATAR: 71.10 (H) **	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.



CYBERSECURITY COURSES 2021



One explanation for what cybersecurity might be is that **cybersecurity** is the protection of internet-connected systems, including hardware, software and data, from cyberattacks. In a computing context, **security** comprises **cybersecurity** and physical **security** -- both are used by enterprises to protect against unauthorized access to data centers and other computerized systems.

Although [Cybersecurity Education](#) is an American organisation, its website is well-worth a visit just to begin to grasp the broad range of careers in this field. Cybersecurity professionals are employed in all industries, and they work hard at ensuring computer data stays out of the wrong hands. Cybersecurity is taught at numerous universities in Victoria.

Cybersecurity is taught at a number of Victorian institutions – either as a course in its own right, or as a major in another courses. **Below is a list of some of these, and students are encouraged to browse [VTAC](#) for a comprehensive list of all courses available.**

INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2021
Box Hill Institute	Certificate IV in Cyber Security	n/a, but must 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, Penetration testing, Privacy, Public-key cryptography, Security analytics, Security and management, Security and risk analysis, System and software vulnerabilities.
Holmesglen Institute	Advanced Diploma of Cyber Security	n/a, but must complete Year 12	Australian cyber law, Cloud security, Data forensics, Data threat analysis, Developing risk mitigation policies, Firewall security, Network security, Risk Management, Risk analysis, Securing virtual environments, Strategies and policies.
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.	Computer science, Cybersecurity Management, Information technology.
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 discrete 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 humanities, Drugs and society, Earth and atmospheric sciences, Geography and the environment, Interactive media, 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.
Swinburne University	Cert IV in Cyber Security	n/a, but must complete Year 12	Implement network security infrastructure, Test concepts and procedures, Utilise basic network concepts and protocols, Write script for software applications.
	Bachelor of Computer 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 1 to 4: satisfactory completion in two units (any study combination) of any Mathematics.	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.



ELECTRICAL ENGINEERING DEGREES 2021



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 2021
Deakin University G – Geelong Waurn 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.	71.35 (G) n/a (M)
Federation University B – Ballarat Campus	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (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.	87.05 (CI)
RMIT University Electrical Electrical & Electronic 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 one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.50 (C)
	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.	80.10 (C)
	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.	78.05 (C)
Swinburne University Engineering Engineering (Professional) H – Hawthorn 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.	72.40 (H)
	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.	76.35 (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/a (F)



ENGINEERING DEGREES 2021



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 *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 2021	ATAR 2021
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.	70.15 (M) 68.15 (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/a (M) 71.35 (G)
	Environmental	Ecology, Engineering, Environmental chemistry, Environmental engineering, Environmental protection and management, Hydrology, Sustainable infrastructure engineering, Waste management, Water engineering.	71.50 (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.	70.65 (M) 71.55 (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.	77.30 (M) 66.55 (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, 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.	64.60 (M)
FEDERATION G – Gippsland B –Ballarat	Civil	Civil Engineering, Construction Management, Environmental Engineering, Geotechnical Engineering, Structural Engineering, Transport Engineering, Water Resources Engineering.	n/a (G) n/a (B)
	Electrical & Information Engineering	Electrical, Electronic and Computer Domains, Electrical Circuits, Signals and Systems, Energy Conversion, Power Electronics, Power Systems, Embedded and Control Systems and Renewable Energy.	n/a (B)
	Mechanical	Automotive and Energy Efficiency, Design Engineering, Manufacturing Engineering, Mechanical Engineering, Mechanical and Industrial Engineering Technology, Mechanics, Robotics, Vibration and Machine Dynamics.	n/a (B)
	Mechatronic Systems	Mechatronics, Robotics.	n/a (G)
	Mining	Drilling and Blasting, Mine Power and Services, Mine Ventilation, Mineral Deposit Evaluation and Processing, Mining Engineering, Rock Fragmentation, Rock Mechanics, Surface Mining Operations and Equipment, Underground Production Systems.	n/a (B)
LA TROBE M – Melbourne B – Bendigo	Civil	Civil engineering.	66.00 (M) n/a (B)
	Industrial Engineering	Engineering (industrial), Engineering design, Engineering enterprise, Engineering industry 4.0, Engineering innovation, Project management, Systems engineering.	67.10 (M) 75.10 (B)
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.	87.05 (Cl)
	Biomedical	Biomedical Engineering.	87.00 (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.	78.05 (C)
	Advanced Manufacturing & Mechatronics	Advanced Manufacturing Engineering, Engineering, Mechatronics Engineering.	80.30 (C/B)

*Any maths

RMIT C – City C/B – City & Bundoora *Any maths	Aerospace	Aerospace engineering, Engineering.	80.15 (C/B)
	Automotive	Automotive Engineering, Engineering.	80.80 (C/B)
	Biomedical *	Biomaterials, Biomechanics, Biomedical Electronics, Biomedical Engineering, Engineering, Lab-on-a-chip technology, Micro-Nano Systems.	81.20 (C/B)
	Chemical ^	Chemical Engineering, Engineering, Environmental Engineering, Minerals and Metallurgical Processing, Water Treatment.	82.80 (C)
	Civil & Infrastructure	Civil Engineering, Civil and Infrastructure Engineering, Engineering, Infrastructure Engineering.	80.15 (C/B)
	Computer & Network	Computer and Network Engineering, Embedded Systems, Engineering, Network Engineering, Signal Processing, Systems Engineering and Applications.	81.40 (C)
	Electrical	Control Automation, Electrical engineering, Electronics and Systems, Energy Conversion, Engineering, Power Systems.	80.50 (C)
	Electrical & Electronic	Applications, Computer Network Engineering, Control Automation, Defence Systems, Digital Signal Processing and Applications, Electrical Engineering, Electronic Devices and Systems, Electronic Engineering, Electronic Sensors and Controllers, Electronics and Systems, Embedded Systems, Energy Conversion, Engineering, Network Engineering, Network Security, Power Systems, Signal Processing, Systems Engineering, Wireless Communications.	80.10 (C)
	Environmental	Chemical Engineering, Civil Infrastructure Engineering, Engineering, Environmental Engineering, Hydrogeology, Water Engineering.	84.45 (C/B)
	Mechanical	Engineering, Mechanical Engineering.	82.65 (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.	81.20 (C)
	Sustainable Systems	Engineering, Sustainable systems engineering.	n/a (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).	42.95 (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, Telecommunications engineering.	72.40 (H) 76.35 (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.	54.80 (H)
VICTORIA FP – Footscray Park * Engineering degrees at VU require <u>any maths</u>	Architectural *	Architectural Engineering, Architecture.	n/a (FP)
	Civil *	Engineering (Civil engineering).	n/a (FP)
	Electrical and Electronic *	Engineering (Electrical and Electronic Engineering).	n/a (FP)
	Mechanical *	Engineering (Mechanical Engineering).	n/a (FP)



ENVIRONMENTAL SCIENCE DEGREES 2021



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.

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 2021
CHARLES STURT	Environmental Science and Management	n/a but Year 12 and ATAR are used in the selection process	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.	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, Indigenous engagement, 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.	Australian Ecosystems, Australian Flora and Fauna, Biology, Botany, Ecology, Ecosystem Conservation, Environmental Geology, Environmental Management, Environmental Studies, Landscape Restoration, Park and Reserve Management, Pest Plants & Animals, Water, Wildlife, Zoology.
RMIT	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.	Australian and global society, Climate change responses, Environmental assessment and monitoring, Environmental economics, Environmental representations and communications, Environmental thought and action, Environmental work practice, Global political management, Natural resource management, Policy practice, Power and governance, Sustainability, Urban and regional planning, Urbanisation.
	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.
	Science (Environmental Science) - Dean's Scholar Program (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 Maths: Mathematical Methods or Maths: Specialist Mathematics.	Environmental Science.
VICTORIA	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 PLANNING COURSES 2021



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](#)**

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

INSTITUTION	COURSES IN 2021	VCE ENTRY REQUIREMENTS
Box Hill Institute	Diploma of Events	n/a
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	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.
	Bachelor of Business (Event Management/Marketing)	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	Diploma of Event Management	n/a
	Bachelor of Hospitality Management	Units 3 and 4: a study score of at least 20 in any English.
Swinburne University	Diploma of Event Management	n/a
Victoria University	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	n/a
	Advanced Diploma of Event Management	n/a
	Bachelor of Event Management	An ATAR is used as part of selection

For a comprehensive list of all events courses offered by all Victorian institutions, visit [VTAC](#)

 **EXERCISE SCIENCE & SPORT DEGREES 2021** 

UNIVERSITY	COURSES	VCE PREREQUISITE SUBJECTS IN 2021	ATAR 2021
ACU 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; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, any Mathematics, Physical Education, Physics or Psychology.	58.60 (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; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, any Mathematics, Physical Education, Physics or Psychology	58.75 (M)
DEAKIN M – Melbourne G – Geelong Waurin Ponds	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.	78.25 (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.	62.20 (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.	65.25 (M)
FEDERATION Mt.H – Mt. Helen, Ballarat	Exercise & Sport Science	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 20 in any English.	37.05 (Mt H)
LA TROBE B – Bendigo M - Melbourne	Business (Sport Development & Management)	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	55.20 (B)
	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.	55.10 (M)
	Exercise 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 two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	71.55 (B)
	Exercise and Master Physiology	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, any Mathematics, Physical Education or Physics.	66.65 (B)
	Sport and Exercise 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 two of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education or Physics.	60.80 (M)
	Sport Coaching & Development	Exercise prescription, Health sciences, Sport and exercise physiology, Sport and exercise science, Sport coaching and development, Sport management, Sports analytics.	55.15 (M)
RMIT Bu - Bundoora	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; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physical Education or Physics.	62.60 (Bu)
SWINBURNE H - Hawthorn	Exercise and 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; Units 3 and 4: a study score of at least 20 in any Mathematics.	60.85 (H)
VIC UNI 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.	71.55 (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/a (F)
	Exercise Science – Sport Practice		62.50 (F)
	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/a (F)
	Sport Science	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	n/a (F)

For a comprehensive list of courses, including double degrees, on offer at both TAFEs and universities, visit [VTAC](https://www.vtac.edu.au).



FASHION, TEXTILES, & VISUAL MERCHANDISING COURSES 2021



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, and their specific entry requirements, please visit VTAC.

INSTITUTION	COURSE	MAJOR STUDIES IN 2021
Box Hill Institute	Bachelor of Fashion	CAD, Design Principles and Elements, Design Process, Digital Marketing, Fashion Futures, Fashion Illustration, Garment Construction, Managing Production Flow, Marketing, Patternmaking.
	Bachelor of Fashion Merchandising	Business planning, Consumer behaviour, Fashion Merchandising, Product development, Retail buying, Social media marketing, Supply chain management, Textiles and garment construction, Visual merchandising, Web design and application, Workplace internship.
	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	Design innovation, Manufacturing and pre-production, Pattern engineering, Professional Practice.
	Certificate IV in Applied Fashion Design and Merchandising	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, Production planning, Specifications, Supply chain management.
	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, Global marketing, Industry research, Merchandise planning, Merchandise retail management, Product development (TCF), Product ranging.
	Bachelor of Textiles (Design)	Digital textile design, Knitted textiles, Materials, Printed textiles, Sustainable design practices, Textile design, Textile industry engagement, Woven textiles.
	Adv. Diploma 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, Sensory inputs, Technical drawing and Illustration, Visual merchandise display and presentation, Visual merchandising theory and history.
Swinburne University	Diploma of Visual Merchandising	2D and 3D design, Design and design theory, Digital art and design, History of design, Photo styling, Product presentation, Retail and visual merchandising, Retail illustration and design, Store design.



FILM & TELEVISION COURSES 2021



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 private colleges such as SAE, and LCI Melbourne, visit [VTAC](#).

Note: For the most part, 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 2021
Deakin University	Bachelor of Film, Television and Animation	Animation, Directing, Documentary and experimental filmmaking, Editing, Entertainment production, Film, Film and Television production management, Film studies, Lighting and cinematography, Media, Motion capture, Narrative, Photography, Producing, Production design, Project management, Quality Management, Screen culture, Screen production, Script writing and storyboarding, Sound recording and editing, Soundtrack design and mixing, Stop-motion animation, Television, Television studio production, Verbal communication.
JMC Academy	Film and Television Production	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.
LCI Melbourne	Bachelor of Design Arts (Filmmaking & Photography)	Animation, Art and photography (history), Art direction, Cinema studies, Computer graphics, Digital Photography Composite Photography Digital Post Production Visual Storytelling with Moving Image Portfolio Photography Industry Practice in the, Digital art and design, Digital media, Digital narrative, Digital photography, Digital video, Film and media studies, Filmmaking, Image processing, Interactive multimedia, Media communication, Media studies, Multimedia presentation, Photographic art direction, Photography (visual and conceptual development), Photomedia, Video, Visual communication.
RMIT University	Screen and Media (Film and Television Production)	Cinema studies, Computer animation, Computing (audiovisual), Digital audio and video production, Digital media, Digital television production, Digital video, Digital video camera techniques, Directing (Television), Editing, Film, Film and media studies, Film and television, Film and television (production), Film and video, Lighting, Management, Media, Production lighting, Production planning, Production processes, Recording/mixing processes, Screen production, Screen studies, Screenwriting, Scriptwriting, Sound recording and production, Television and broadcasting, Television production, Video, Video technical direction.
SAE Creative Media	Bachelor of Film (Post-production or Production)	Post-production, Production.
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.
	Advanced Diploma of Screen and Media - Film and Television Stream	Cinematography, Colour grading and post-production processes, Conceptualisation, Cultural research and interpretation, Directing, Editing, Lighting, Non-Linear editing, Production planning and management, Production processes, Scriptwriting and development, Sound recording and production.
	Bachelor of Screen Production	Digital narratives, Digital video and audio, Experimental screen production, Global screen studies, Image making for narrative and storyboards, Introduction to digital imaging, Media and social impact, Production for digital platforms, Screen franchising and innovation, Sound design and acquisition.
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 2021



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

A number of these courses are included below, but for a comprehensive list, visit [VTAC](#).

INSTITUTION	COURSE	MAJOR STUDIES IN 2021
Federation University	Bachelor of Information Technology (Games Development)	3D Modelling & Animation, Agile Coding, Big Data & Analytics, Cloud & Enterprise Computing, Communications & Technology, Computer Games Design, Data Modelling, Game Development Fundamentals, Game Programming, IT Problem Solving, IT Professional Engagement, IT Project Management Techniques, Mobile Development Fundamentals, Networking & Security, Professionalism & Entrepreneurship, Systems Modelling, Understanding the Digital Revolution, User Experience, Web Design.
RMIT University	Diploma of Digital Media Technologies	Animation (2D), Animation (3D), Audio and video production, Augmented Reality (AR) design, Cinema language, Design for mobile devices, Digital imaging, Digital media, Games design, Graphic design, Interactive media, Interface design, Mixed Reality design, Motion graphic design, Scripting and development, Social media, Virtual Reality (VR) design, Web design.
	Bachelor of Design (Games)	3D animation, 3D design, Arts (contemporary), Computer graphics, Computer programming, Digital animation (games), Digital art and design, Digital imaging, Entrepreneurship, Games design, Games development, Games programming, Games technology, Graphic design.
Swinburne University	Diploma of Digital and Interactive Games	2D animation, 2D concept art, 3D animation and modelling, Digital imaging, Game theory and design, Games development, Project management.
	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 Computer Science	Cybersecurity, Data science, Games and interactivity, Games development, Internet of Things, Network design, Software design, Software development.



GLOBAL AND INTERNATIONAL STUDIES COURSES 2021



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. 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 2021
ACU	Arts/Global Studies	Business Studies, Drama, Economics, English/Literature, Global Studies, 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/International Relations	Advertising, Anthropology, Arabic, Children's literature, Chinese, Creative writing, Criminology, Digital media, Education, Gender and sexuality studies, Geography and society, History, Indonesian, International relations, Journalism, Language and culture studies, Literary studies, Media studies (Burwood, Cloud), Middle East studies, Philosophy, Photography, Politics and policy studies, Public relations, Religious studies, Sociology, Spanish, Visual arts.
	International Studies (Global Scholar)	Anthropology, Arabic, Chinese, Indonesian, International relations, Language and culture studies, Middle East studies, Politics and policy studies, Spanish.
	International Studies	Anthropology, Arabic, Chinese, Global experience, Indonesian, International relations, Language and culture studies, Middle East studies, Politics and policy studies, Spanish.
La Trobe	International Relations	Global Politics, International Relations.
	Politics, Philosophy and Economics (PPE)	Economics, 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, Economic analysis, Economics, European languages (French, German, Italian, or Spanish and Latin American), Film and screen studies, Gender studies, Global Asia, History, Holocaust and genocide studies (minor), Human geography, Human rights, Humanities, Indigenous cultures and histories, Indonesian studies, International relations, International studies, Islamic studies (minor), Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics and English language, Literary studies, Music, Philosophy, Politics, Politics and governance, Psychology, Religious studies (minor), Social science, Sociology, Theatre and performance (minor), Ukrainian studies (minor).
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	Advertising, Cinema and screen studies, Creative writing and literature, Criminology, Digital advertising technology, Environmental sustainability, Games and Interactivity, Global studies, History, Indigenous studies, Journalism, Media industries, Philosophy, Politics and international relations, Professional writing and editing, Social media, Sociology.
Uni Melbourne	Arts	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 studies, Knowledge and learning (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies.
VU	Community Development	Community development.



GRAPHIC, INTERIOR & VISUAL DESIGN DEGREES 2021



UNIVERSITY	VCE PREREQUISITE SUBJECTS IN 2021	SELECTION & ATAR FOR 2021
ACU 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.)	58.80 (M) Selection: ATAR
	Visual Arts and Design (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL). Studies in one of Art, Studio Arts or Visual Communication Design is recommended.	59.85 (M) Selection: ATAR
DEAKIN GW – Geelong Waterfront M – Melbourne	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)	Range of Criteria (GW) and (M) Selection: Folio & Statement, and ATAR
	Visual Communication (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 (GW) and (M) Selection: Online Folio, and 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 Interview
LA TROBE B – Bendigo	Creative Arts (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)	60.90 (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)	72.25 (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: ATAR, Supplementary form, Folio & Folio Presentation
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, Folio Presentation, 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 54.00 (C/B) Selection: ATAR and Industrial Design Selection Task
	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
	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
SWINBURNE H – Hawthorn	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; 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)	86.00 (H) Selection: ATAR
	Design (prerequisites <u>same</u> as for Communication Design)	60.45 (H) Selection: ATAR
	Industrial Design (prerequisites <u>same</u> as for Communication Design)	70.10 (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 major in Digital technologies or Graphic design	85.05 (P) Selection: ATAR
	Fine Arts (Visual Art) at the VCA (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 2021



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

Below is a list of many 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.

INSTITUTION	COURSE	VCE PREREQUISITES	MAJOR STUDIES IN 2021
CHARLES STURT	Health and Rehabilitation Science	n/a, but ATAR is used as part of selection	Health sciences, Human biology, Rehabilitation.
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 and sustainability, Health promotion, Medical biotechnology, Nutrition, Physical activity and health, Psychological science, Psychology for professional Development.
FEDERATION	Health Sciences	Units 3 and 4: a study score of at least 20 in any English.	Health Promotion
LA TROBE	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; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, any Mathematics, Physical Education or Physics.	Health and sustainability, Health promotion, Human physiology and anatomy, Public health, Rehabilitation counselling, Sports counselling & athlete welfare.
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 (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, Digital health and informatics, Health promotion, Neuroscience, Nutrition, Psychology and forensic science, Psychology and psychophysiology.
	Health Science (Professional) (4-year degree 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, Digital health and informatics, Health promotion, Neuroscience, Nutrition, Psychology and forensic science , Psychology and psychophysiology.
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 2021



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 2021
Deakin University	Bachelor of Human Resource Management (Psychology)	Human resource management, Psychology.
Federation University	Bachelor of Business (Human Resource Management)	Human Resource Management, Management, Marketing.
Holmesglen Institute	Diploma of Leadership and Management	Business (administration), Business (management), Business (operations), Business practice, Customer service, Human resource management , Industrial relations, Leadership, Management, Management (finance), Management information systems, Occupational health and safety, Resource/environmental management, Risk analysis and management, Strategic planning.
Kangan Institute	Advanced Diploma of Leadership and Management	Accounting, Budgeting, Business planning, Change management, Customer Service, Employee relations, Employment Law, Finance, Human resource management , Human resources (performance management) , Industrial relations, Leadership and Management, Organisational Change, Project Management, Recruitment and Selection, Strategic management, Strategic planning.
La Trobe University	Bachelor of Business (Human Resource Management)	Business, Human Resource Management.
RMIT University	Bachelor of Business (Human Resource Management)	Business, Employment Relations, Human Resource Development, Human Resource Management, International Business, International Human Resources, Management.
Victoria University	Bachelor of Business (Human Resource Management)	Accounting, Accounting, Banking and Finance, Event Management, Financial Risk Management, Human Resource Management, Information Systems Management, International Hospitality Management, International Tourism Management, International Trade, Management and Innovation, Marketing, Music Industry, Supply Chain and Logistics.



INFORMATION TECHNOLOGY DEGREES 2021



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.**

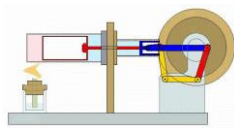
INSTITUTION	VCE PREREQUISITES 2021	MAJOR STUDIES IN 2021
CQU	Units 3 and 4: a study score of at least 25 in any English. 2021 ATAR: n/a	Application Development, Business Analysis, Network Security.
DEAKIN	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. 2021 ATAR: 60.30 (M) 60.15 (G)	Animation (games), Application development, Cloud computing, Computer and network security, Computer networks, Computer programming, Creative technologies, Cyber security, Databases, Distributed systems and applications, Game programming, Games development, Information technology, Networking, Object-oriented design, Object-oriented programming, Operating systems, Programming, Project management, Security and management, Software development, Systems and networks, Virtual and augmented reality, Web applications programming, Web design.
FEDERATION	Units 3 and 4: a study score of at least 20 in any English. 2021 ATAR: 56.50 (Be), n/a (Gi), n/a (Ba)	Big Data & Analytics, Business Information Systems, Cloud & Enterprise Computing, Games Development, Mobile App Development, Networking and Security, Software Development.
LA TROBE	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL. 2021 ATAR: 55.25 (M) n/a (Be)	Big data, Computer applications, Computer networks, Database systems, Information Technology, Information systems, Information systems management, Multimedia authoring, Object-oriented development, Project management, Software development, Software engineering, Systems and software engineering, Systems design and development, Web applications programming, Website development.
MONASH	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. 2021 ATAR: 80.30 (C)	Business information systems, Computer networks and security, Computer programming, Computer science (minor), Computing, Cybersecurity (minor), Data science (minor), Games design (minor), Games development, IT for business (minor), Information management, Information technology, Interactive media, Mobile apps development (minor), Software development, Software engineering (minor), Web development (minor).
RMIT	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. 2021 ATAR: 65.05 (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	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL). 2021 ATAR: 56.10 (H)	Business systems, Network technology, Software technology, Systems analysis, Systems management.
VICTORIA	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. 2021 ATAR: n/a (FP)	Network and system computing, Web and mobile application development.



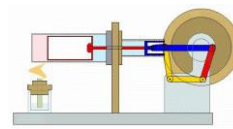
LAW UNDERGRADUATE DEGREES 2021



INSTITUTION	COURSES	ATAR FOR 2021
Australian Catholic University Visit ACU - Law M – Melbourne campus	Laws	73.20
	Arts/Laws	76.35
	Biomedical Science/Laws	76.20
	Business Administration/Laws	75.05
	Commerce/Laws	75.60
	Laws/Global Studies	75.60
	Philosophy/Laws	n/a
	Psychological Science/Laws	76.75
	Theology/Laws	n/a
Deakin University Visit Deakin - Law G – Geelong Waterfront campus M – Melbourne campus	Laws	84.00 (G), 90.00 (M)
	Arts/Laws	85.60 (G), 91.35 (M)
	Commerce/Laws	85.25 (G), 91.05 (M)
	Criminology/Laws	85.05 (G), 91.45 (M)
	Laws/Cybersecurity	85.20 (G), n/a (M)
	Laws/International Studies	85.45 (G), 91.25 (M)
	Property & Real Estate/Laws	n/a (M)
	Science/Laws	91.75 (M)
La Trobe University Visit La Trobe - Law B – Bendigo campus M – Melbourne campus	Laws	n/a (B), 90.55 (M)
	Commerce/Laws	90.05 (M)
	Laws/Arts	n/a (B), 90.70 (M)
	Law (Honours)/Biomedical Science	90.05 (M)
	Laws/Business	n/a (B)
	Laws/Criminology	n/a (B), 90.10 (M)
	Laws/International Relations	93.10 (M)
	Laws/Media and Communication	92.25 (M)
	Laws/Politics, Philosophy and Economics	90.00 (M)
	Laws/Psychological Science	n/a (B), 91.65 (M)
Laws/Science	n/a (B), 96.60 (M)	
Monash University Visit Monash - Law CI – Clayton campus	Laws (Honours)	97.00
	Law (Honours)/Arts	97.00
	Law (Honours)/Biomedical Science	97.25
	Laws (Honours)/Commerce	97.10
	Laws/Computer Science	n/a
	Laws (Honours)/Criminology	97.00
	Law (Honours)/Engineering	97.05
	Law (Honours)/Global Studies	97.05
	Laws/Information Technology	97.65
	Laws (Honours)/Music	Range of Criteria (RC)
	Laws/ Politics, Philosophy and Economics	97.05
	Laws (Honours)/Science	97.00
RMIT University Visit RMIT - Law C – City campus	Laws	85.25
	Laws/Economics	88.05
	Laws/Information Systems	n/a
Swinburne University Visit Swinburne - Law H – Hawthorn campus	Laws	85.20
	Laws/Arts	86.35
	Laws/Aviation Management	n/a
	Laws/Business	85.50
	Laws/Business Information Systems	n/a
	Law/Computer Science	n/a
	Law/Criminal Justice & Criminology	86.70
	Laws/Engineering	n/a
	Laws/Media and Communication	n/a
Laws/Science	n/a	
Victoria University Visit Victoria - Law C – City campus C & F – City and Footscray Park	Laws	80.45 (C)
	Laws/Arts	n/a (C & F)
	Laws/Business	82.00 (C & F)
	Law/Criminology	82.80 (C)
	Laws/Psychological Studies	n/a (C & F)
	Laws/Psychology	n/a (C & F)



MECHANICAL ENGINEERING DEGREES 2021



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 2021
Deakin University G – Geelong Waurn Ponds 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.	71.55 (G) 70.65 (M)
Federation University MH – Mount Helen Campus	Units 3 and 4: a study score of at least 20 in Maths: Mathematical Methods or at least 20 in Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in any English.	n/a (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.	87.05 (CI)
RMIT University C/B – City & Bundoora C – City Engineering (Honours) Engineering (Mechanical) Degree 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 any Mathematics.	78.05 (C)
	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.	82.65 (C/B)
	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.	42.95 (C)
Swinburne University H – Hawthorn Campus Engineering Degree (Prof) Engineering Degree Associate Degree of 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: Mathematical Methods or Maths: Specialist Mathematics.	76.35 (H)
	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.	72.40 (H)
	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.	54.80 (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/a (FP)

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

MEDIA, COMMUNICATION & JOURNALISM DEGREES 2021

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.

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

INSTITUTION	COURSE NAME	MAJOR STUDIES IN 2021	ATAR 2021
DEAKIN M – Melbourne GW – Geelong W’ Ponds	Communication (Advertising)	Account management, Account planning, Advertising and society, Art direction, Brand communication futures, Brand narratives, Branded content, Campaign planning, Client relationships, Consumer personas, Copywriting, Creative process, Digital disruption, Global advertising, Internship, Media management, Social media for brands, Strategic communication, Transmedia storytelling.	64.50 (M)
	Communication (Digital Media)	Content creation, Digital and social media, Gamified media, Media and cultural industries, Online community management, Personal and professional branding, Quantified media.	60.15 (M) 74.30 (GW)
	Communication (Journalism)	Audio journalism, Broadcast journalism, Local and international news, Media, Media law and ethics, Multiplatform journalism, Newsroom production, Online journalism, Print journalism, Professional journalism practice, Video journalism.	61.60 (M) n/a (GW)
	Communication (Public Relations)	Campaigns and event management, Ethical communication, Issues management, Marketing communication, Media and communication, Media liaison, Media relations, Professional writing, Public affairs, Public relations, Public relations management, Social media, Strategic communication.	61.00 (M) n/a (GW)
LA TROBE M - Melbourne	Media & Communication (Journalism)	Journalism	61.30 (M)
	Media & Communication (Media Industries)	Media industries, Media production.	60.15 (M)
	Media & Communication (Public Relations)	Public relations, Strategic communication.	60.35 (M)
	Media & Communication (Sports Journalism)	Journalism (Sport)	60.60 (M)
MONASH Ca – Caulfield	Media Communication	Journalism, Media, Public relations, Screen.	80.90 (Ca)
RMIT C – City R.C. – Range of Criteria for selection	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.	R.C. (C) Entry based on selection task, and folio presentation
	Communication (Journalism)	Broadcast journalism, Data journalism, Digital journalism, Journalism, Journalism culture, Journalism ethics, Journalism foundations, Journalism history, Journalism innovation, Journalism law, Journalism practice, Literary journalism, Newsroom practice, Online journalism, Photojournalism, Podcast Journalism, Political journalism, Print journalism, Radio Journalism, TV journalism.	79.40 (C)
	Communication (Media)	Asian media and culture, Broadcast media production, Cinema, Communication, Film production, Internet and multimedia, Literature, Live media, Media, Media industries, New media, Online media production, Politics and economies, Popular culture, Radio production, Social media production, Video production.	75.45 (C)
	Communication (Prof. Communication)	Advertising, Asian studies, Cinema studies, Communication, Journalism, Literature, Media production, Politics, Popular culture, Public relations.	76.05 (C)
SWINBURNE H – Hawthorn * Professional Degree	Communication Design	20th century design, Brand and identity design, Communication design strategy, Concepts and narratives, Design for production, Design research, Digital design, Graphic design, Information design, Methods of investigation, Packaging design, Photography for design, Publication design, Typography, Visual communication, Web design.	86.00 (H)
	Media & Communication	Advertising, Cinema and screen studies, Creative writing and literature, Digital advertising technology, Games and interactivity, Journalism, Media industries, Professional Writing and Editing, Public relations, Social media.	55.30 (H) 70.50 (H) *



MEDICAL IMAGING COURSES 2021



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	2021 ATAR
CQU M - Melbourne Campus	Medical Sonography	Units 3 and 4: a study score of at least 25 in any English; Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry or Physics.	84.90 (M)
Deakin University G - Geelong Waurn Ponds 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.	95.40 (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.	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 30 in Maths: Further Mathematics or at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	86.40 (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 30 in Maths: Further Mathematics or at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	n/a (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.	97.10 (C)
RMIT University B – Bundoora Campus	Medical Radiations (Nuclear Medicine)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; 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 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.90 (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.	80.30 (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.	94.80 (B)



MUSIC PRODUCTION COURSES 2021



There are numerous courses on offer in Victoria for students who wish to study music production courses. A broad selection of courses are listed below but for a comprehensive list of all similar courses on offer – including double-degrees – visit [VTAC](#).

UNIVERSITY	MAJOR STUDIES IN 2021	SELECTION CRITERIA FOR 2021
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	Applied Music (Audio Production): Audio engineering, Audio technology, Digital mixing, Interactive media, Intermedia, Music production, Music technology, Sound recording.	Selection: Folio, Folio Presentation, Interview (B)
	Applied Business (Music Industry): Art Management, Event, Festival and Venue Management, Marketing and Public Relations, Music Business Management, Music Industry Copyright, Publishing and Funding and Record Labels.	Selection: 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 Essay (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, Spacial Recording, Studio Recording, TV, Radio + Film Audio.	Selection: Interview (M)
MELBOURNE POLYTECHNIC (F) – Fairfield	Sound and Music Production: Advanced live event production, Advanced studio recording and production technique, Composing and arranging for screen, Mixing, Music analysis, Post production for screen, Pro tools 110, Project and event management, Sound design, Sound/music editing.	Selection: Interview (some) (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 (C)
	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 71.20 (C)
SAE (M) – Melbourne	Music Production: music production, sound design and electronic music production using industry standard hardware and software.	Selection: Folio, Folio Presentation and Interview (M)
	Post Production or Studio Production: Post production, Studio Production, using cutting-edge equipment like Neve, SSL, and Audient consoles, while gaining proficiencies on software including Pro Tools, Logic Pro X, and Ableton Live.	Selection: Interview (M)



NURSING AND/OR MIDWIFERY DEGREE COURSES 2021



UNIVERSITY	VCE PREREQUISITE SUBJECTS	ATAR FOR 2021
<u>ACU</u> 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)	n/a (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)	82.80 (M), 62.50 (Ba)
<u>CHARLES STURT</u> AW – Albury Wodonga	Nursing (no prerequisite subjects, but maths, biology and English highly recommended)	n/a (AW)
<u>DEAKIN</u> 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)	72.10 (M), 62.35 (G), 50.65 (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)	81.50 (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)	92.65 (M), 88.50 (G), 78.60 (W)
<u>FEDERATION</u> B – Berwick Gi – Gippsland Mt. Helen (Ballarat)	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 25 in any English.)	50.10 (B), 58.80 (Gi), 51.10 (Mt H)
<u>HOLMESGLEN</u> 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 English)	Minimum ATAR: 50.00 n/a (Mo)
<u>LA TROBE</u> AW – Albury-Wodonga B – Bendigo 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.)	70.65 (M), 55.15 (AW), 58.05 (B), 56.05 (S), 56.80 (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.)	86.70 (M) 86.20 (B)
<u>MONASH</u> 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.)	90.05 (C) n/a (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.)	77.05 (C) 74.70 (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.)	91.45 (P)
<u>RMIT</u> Bu - Bundoora	Nursing (Units 1 and 2: satisfactory completion of any Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	69.05 (Bu)
<u>SWINBURNE</u> 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)	65.20 (H)
<u>VICTORIA UNI</u> St A – St. Albans	Midwifery/Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; 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 or Psychology.)	80.05 (St A)
	Nursing (Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	n/a (St A)

For a comprehensive list of all nursing courses - diplomas and degrees, including double degrees with business, paramedicine, psychology, public health, etc. visit [VTAC](#)



NUTRITION AND DIETETICS 2021



According to the Dietitian Association of Australia (DAA) - [Dietitian Association of Australia \(DAA\)](#), 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 2021
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.	58.60 (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.	65.15 (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.	85.65 (M)
Federation (Mt. H) – Mt. Helen (G) - Gippsland	Food & Nutritional Science	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.	52.65 (Mt, H) n/a (G)
La Trobe (M) – Melbourne	Applied Science/Dietetic Practice	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	80.20 (M)
	Human 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 25 in two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	68.55 (M)
Monash (C) - Clayton	Nutrition Science - Scholars Program (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; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	92.05 (C)
	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; Units 3 and 4: a study score of at least 25 in one of Biology or Chemistry.	76.40 (C)
RMIT (C/B) – City/Bundoora	Science (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.	65.60 (C/B)
SWINBURNE (H) – Hawthorn	Nutrition 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).	61.45 (H)
Victoria (F) - Footscray	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/a (F)

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



OCCUPATIONAL THERAPY 2021



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 2021
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.	78.80 (M)
Charles Sturt AW – Albury-Wodonga	No VCE prerequisites but completion of Year 12 is required, and an ATAR is used in selection	70.60 (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.	71.85 (G)
Federation Uni Gi – Gippsland	Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: one of Biology, Chemistry, Health And Human Development, any Mathematics, Physical Education or Physics; Units 3 and 4: a study score of at least 25 in any English.	n/a (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.	76.05 (B) 76.75 (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.	85.10 (P)



PHYSIOTHERAPY 2021



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 2021
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.	92.05 (B)
Charles Sturt AW – Albury-Wodonga	No VCE prerequisites but maths and science subjects an advantage, and the ATAR is used as part of selection	92.80 (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.	n/a (G)
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; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	94.95 (B) 96.20 (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.	96.20 (P)
Uni Melbourne P – Peninsula *Through Biomedicine	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)
**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; 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. **	98.00 (P)
VU 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.	93.05 (FP)



OPTOMETRY COURSES 2021

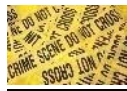
The [Good Universities Guide - Optometrist](#) states that *Optometrists perform eye examinations to determine the presence of vision problems and other eye conditions and disease. They treat or manage these problems by prescribing glasses, contact lenses, optical aids, vision therapy, medication (in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

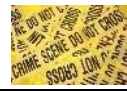
To become an optometrist a student usually has to study optometry at university. Alternatively, they can complete a degree in vision science or a relevant area at university, followed by a postgraduate qualification in optometry. Prerequisite subjects, or assumed knowledge, in one or more of English, 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
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 96+
QUEENSLAND UNIVERSITY OF TECHNOLOGY	Bachelor of Vision Science/Master of Optometry	English/EAL, Maths Methods or Specialist Maths, Chemistry, Physics An ATAR of 99+
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	Doctor of 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	English/EAL, Maths Methods, Chemistry, Physics An ATAR of 99+



PARALEGAL DEGREES 2021



A paralegal is an individual, qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. In other words, a paralegal works in the legal industry but is not a lawyer. Below are a number of courses on offer in Victoria. The prerequisite VCE subject is usually an English. Visit [VTAC](#) for a comprehensive list including all double degrees on offer.

COURSE	INSTITUTION	MAJOR STUDIES IN 2021	ATAR 2021
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.	55.65 (G) 60.10 (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.	60.40 (G)
Criminology and Criminal Justice	FEDERATION	Behavioural Studies (Psychology), Community and Human Services, Criminology and Criminal Justice, Social Sciences.	32.75 (Be) 49.80 (Gi) 40.70 (Ba)
Criminology	LA TROBE	Access to Justice, Corrections, Crime and Culture, Crime and Inequality, Crime and criminal justice policy, Crime prevention, Criminal justice, Criminal justice administration, Criminological theory and practice, Criminology, Criminology research methods, Ethics, Forensics, Justice, Policing, Psychology, Punishment, Restorative justice, Risk, Security, Surveillance, Terrorism, Transnational crime, Victimology.	66.25 (B) 62.60 (M)
Criminology	MONASH	Crime, Crime and justice, Criminal justice system, Criminology.	80.00 (CI)
Criminal Justice	RMIT	Corrections, Crime prevention, Criminal justice administration, Criminal psychology, Criminology, Dispute Resolution, Forensic investigation, Gendered Violence, Information security, International law, International security, Judicial studies, Justice, Law (court processes), Law (criminal), Law (evidence), Organisational Management, Police administration, Police studies, Professional Ethics, Social Justice, Youth justice.	77.25 ©
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.	73.00 (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.	70.65 (C)
Legal Practice (Paralegal)		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.	53.35 (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.	60.10 (H)
Arts (major in Criminology)	MELBOURNE	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 studies, Knowledge and learning (minor), Law and justice (minor), Linguistics and applied linguistics, Media and communications, Philosophy, Politics and international studies, Psychology, Russian studies, Screen and cultural studies, Sociology, Spanish and Latin American studies.	85.00 (P)
Criminal Justice	VICTORIA	Criminal justice.	n/a (F)
Criminal Justice & Psychological Sciences		Criminal justice, Psychology.	n/a (F)
Criminology		Criminology.	n/a (CQ)
Legal Services		Advanced legal services, Law profession.	n/a (C)(F)
Youth Work and Criminal Justice		Criminal justice, Youth work.	n/a (W)



PARK RANGER COURSES 2021



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 2021
Box Hill Institute	Diploma of Conservation and Land Management
Deakin University	Bachelor of Environmental Science - Environmental Management & Sustainability
	Bachelor of Wildlife and Conservation Biology
Federation University	Diploma of Conservation and Land Management
	Bachelor of Environmental and Conservation Science
Holmesglen Institute	Diploma of Conservation and Land Management
La Trobe University	Bachelor of Outdoor Education
Melbourne Polytechnic	Diploma of Conservation and Land Management
RMIT University	Diploma of Conservation and Land Management
Swinburne University	Diploma of Conservation and Land Management

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



PARAMEDIC COURSES 2021



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!

The following Victorian universities offer Paramedicine undergraduate degrees:

INSTITUTION	COURSE	VCE REQUIREMENTS	ATAR 2021
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.	94.30 (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.	86.10 (B)
La Trobe University (AW) – Albury Wodonga (Be) – Bendigo	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.	84.20 (Be) n/a (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.	86.50 (P)
Victoria University (St. A) – St. Albans	Paramedicine	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	85.40 (St. A)

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



PERFORMANCE DEGREES 2021



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 2021	SELECTION CRITERIA FOR 2021
ACU (M) – Melbourne	Creative Arts: Drama, English/Literature, Media, Music, Visual arts.	Selection: ATAR 58.80 (M)
DEAKIN (M) – Melbourne	Creative Arts (Dance): Collaboration, Cultural dance, Dance composition, Dance history and theory, Dance in the community, Dance on screen, Dance production, Dance styles, Dance techniques, Experiential anatomy, Improvisation and somatic practices, Performance, Performing arts, Theatre studies.	Selection: Folio, and Folio Presentation (M)
	Creative Arts (Drama): Acting techniques, Creative technologies and performance, Devising and collaborative theatre creation, Dramatic and post-dramatic text analysis, Dramaturgy, Improvisation techniques, Performing arts, Rehearsal techniques, Theatre studies.	Selection: ATAR 61.05 (M)
FEDERATION (C) – Camp Street	Performing Arts: Acting, Dance, Voice.	Selection: Supplementary Form, and Audition (C)
LA TROBE (B) – Bendigo	Creative Arts: Visual Arts, Writing.	Selection: ATAR 60.90 (B)
MONASH (Cl) – Clayton	Music: Composition and music technology, Music, Performance (Classical or Jazz), Popular music (Voice or Popular music instrument).	Selection: ATAR, Supplementary form, and Audition (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 71.20 (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 (P) - Parkville	Fine Arts (Acting): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: ATAR, 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: ATAR, Supplementary form, and Audition, and call-back Audition (some) (VCA)
	Fine Arts (Theatre): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: ATAR, Supplementary form, and Audition, and call-back audition, interview and/or workshop (some) (VCA)
	Music: Interactive Composition, Jazz and Improvisation, Performance/Composition/Musicology/Ethnomusicology.	Selection: ATAR, Supplementary form, Audition, and/or Interview (P)
VICTORIA (FP) – Footscray Park	Music: Music.	Selection: Audition and Interview (FP)



PHARMACY & PHARMACEUTICAL SCIENCE COURSES 2021



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 2021
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.	83.75 (B)
	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.	88.25 (P)
Monash University P – Parkville Campus C – Clayton Campus	Pharmacy (Hons) and Master of Pharmacy		98.15 (P)
	Pharmacy (Hons) Scholars program/Master of Pharmacy		98.00 (P)
	Pharmaceutical Science		82.05 (P)
	Pharmaceutical Science Advanced (Honours)		86.35 (P)
	Pharmaceutical Science Advanced (Honours) - Scholars Program		98.30 (P)
	Chemical Engineering/ Pharmaceutical Science		90.50 (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 Chemistry; Units 3 and 4: a study score of at least 25 in any Mathematics.	78.10 (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 Chemistry; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics.	72.35 (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: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 20 in Chemistry.	81.25 (C/B)

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

Note: Monash University has been ranked second in the world for Pharmacy and Pharmacology behind Oxford University in the QS 2020 World University Rankings by Subject list -

<https://www.topuniversities.com/university-rankings/university-subject-rankings/2020/pharmacy-pharmacology>.



PHOTOGRAPHY COURSES 2021



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.**

UNIVERSITY	VCE PREREQUISITE SUBJECTS	SELECTION CRITERIA FOR 2021
Box Hill Institute	<u>Certificate IV in Photography and Photo Imaging</u> (Year 12 pass)	Selection: Folio and Interview
Chisholm Institute	<u>Diploma of Photography and Photo Imaging</u> (Year 12 pass)	Selection: Folio and Interview + Folio presentation
Deakin University	<u>Bachelor of Creative Arts (Photography)</u> (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)	Selection: Folio, Folio presentation, and ATAR
Federation University	<u>Bachelor of Visual Arts (major in Photography)</u> (Units 3 and 4: a study score of at least 20 in any English)	Selection: Supplementary form, Folio, Interview, and Folio presentation
LCI Melbourne	<u>Bachelor of Design Arts (Filmmaking & Photography)</u> (Year 12 pass)	Selection: Folio <u>or</u> Pre-selection kit, Interview and ATAR
Melbourne Polytechnic	<u>Certificate IV in Photography and Photo Imaging</u> (Year 12 pass)	Selection: Folio and Folio presentation
Photographic Studies College	<u>Bachelor of Photography</u> (Year 12 pass)	Selection: Supplementary form, Interview, Folio and Folio presentation
	<u>Certificate IV in Photography and Photo Imaging</u>	Selection: Supplementary form, Interview
RMIT University	<u>Bachelor of Arts (Photography)</u> (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, Interview (some)
	<u>Certificate IV in Photography and Photo Imaging</u> (Year 12 pass)	Selection: Selection task, Folio presentation (some)
Swinburne University	<u>Photography and Photo Imaging - Certificate IV/Diploma</u> (Year 12 Pass)	Selection: Pre-Training Review (PTR)
University of Merlbourne	<u>Bachelor of Fine Arts (Visual Art)</u> (major in Photography) (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

PROJECT MANAGEMENT COURSES 2021

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](#)

There are several universities in Victoria that 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 2021
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.	72.20 (M)
	Construction Management		60.00 (GWF)
Federation University	Business Information Systems	Units 3 and 4: a study score of at least 20 in any English.	n/a (B) n/a (Mt. H)
	Information Technology (Big Data and Analytics)		n/a (B) n/a (Mt. H)
La Trobe University	Engineering (Industrial)	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.	75.10 (Be) 67.00 (M)
	Information Technology	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	n/a (Be) 55.25 (M)
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.	75.10 (C)
	Business Innovation and Enterprise	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	65.15 (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: Mathematical Methods (any) or Maths: Specialist Mathematics.	80.15 (C/B)
	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.	75.15 (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 (any) or Maths: Specialist Mathematics.	81.20 (C)
Swinburne University	Aviation 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.	62.10 (H)
	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.	58.35 (H)
	Business 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.	81.35 (H)

AW – Albury-Wodonga, Be – Bendigo, B – Berwick, C – City, C/B – City/Bundoora, H – Hawthorn, Mt. H – Mt. Helen (Ballarat), M – Melbourne, GWF – Geelong Waterfront

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



PSYCHOLOGY DEGREE COURSES 2021



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 2021
ACU	Psychology (Honours)	87.35 (M)
	Psychological Science	58.70 (M)
Deakin University	Psychology (Honours)	80.00 (M), 80.25 (G)
	Psychological Science	60.30 (M), 62.30 (G), 61.35 (W)
	Arts (Psychology)	60.05 (M), 60.55 (G)
	Human Resource Management (Psychology)	79.70 (M), n/a (G)
	Marketing (Psychology)	74.00 (M)
Federation University	Psychological Science	51.30 (Be), 58.85 (Gi), 51.85 (Ba)
La Trobe University	Psychology (Honours)	86.85 (M), 80.85 (B), 80.70 (AW)
	Psychological Science	55.30 (M), 59.05 (B), 55.15 (A)
Monash University	Psychological (Honours)	87.60 (C)
RMIT University	Applied Science (Psychology) *	61.65 (Ci), 69.15 (Bu)
	Social Science (Psychology)	70.00 (Ci)
	Criminology & Psychology	73.00 (Ci)
Swinburne University	Psychology (Honours)	87.05 (H)
	Psychological Sciences	55.40 (H)
Victoria University	Psychology (Honours)	81.15 (FP)
	Psychological Studies	n/a (FP)
	Criminal Justice & Psych. Studies	n/a (FP)

A – Albury Wodonga B – Bendigo Ba – Ballarat Be – Berwick C – Clayton Ci – City FP – Footscray Park G – Geelong 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 COURSES 2021



[Wikipedia](https://en.wikipedia.org/wiki/Public_health) 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 2021
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.	62.25 (M)
	Public Health/Business Administration		Business Administration, Public Health.	61.30 (M)
	Public Health/Global Studies		Global studies, Public Health.	62.25 (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.	76.50 (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.	66.70 (M)
Deakin University M – Melbourne Campus G – Geelong Waurn Ponds	Nursing/Public 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.	76.35 (M)
	Public Health and Health Promotion		Disability and inclusion, Environmental health, Exercise science, Family, society and health, Food studies, Health and sustainability, Medical biotechnology, Nutrition, Physical activity and health, Psychology for professional development.	65.05 (M) 59.30 (G)
	Public Health and Health Promotion/Commerce		Accounting, Disability, Economics, Environmental health, Exercise science, Family, society and health, Finance, Financial planning, Food studies, Health and sustainability, Health promotion, Human resource management, Management, Management information systems, Marketing, Medical biotechnology, Nutrition, Physical activity and health, Psychology, Public health.	81.35 (M)
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; 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.	Epidemiology, Global Health, Health and Human Development, Health promotion, Health sciences, Public health, Public health science, Social science, Sociology.	89.70 (C)



PUBLIC RELATIONS COURSES 2021



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 2021	ATAR 2021
DEAKIN M - Melbourne G – Geelong Waurin 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.	Campaigns and event management, Ethical communication, Issues management, Marketing communication, Media and communication, Media liaison, Media relations, Professional writing, Public affairs, Public relations, Public relations management, Social media, Strategic communication.	61.10 (M) n/a (GW)
LA TROBE M - Melbourne	Media and 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, Strategic communication.	60.35 (M)
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.	80.90 (Ca)
RMIT C – City	Communication (Public Relations)	Units 3 and 4: a study score of at least 30 in any English.	Business practice, Communication management, Communication research, Leadership, Marketing communication, Professional practice, Public relations, Strategic planning, Writing.	75.65 (C)
	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.	76.05 (C)
SWINBURNE H – Hawthorn * - Professional degree	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, Games and interactivity, Journalism, Media industries, Professional Writing and Editing, Public relations, Social media.	70.50 (H) * 55.30 (H)



SCIENCE DEGREES 2021



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 2021
DEAKIN M – Melbourne campus G – Waurn 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) 60.05 (G)
FEDERATION Science	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.	51.70 (B) n/a (Gi) n/a (Mt H)
Science (Advanced) B - Berwick Gi – Gippsland campus Mt H – Mt Helen campus	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 two units (any study combination) of Biology, Chemistry, Environmental Science, Geography, Physics or Psychology; Units 3 and 4: a study score of at least 30 in any English.	n/a (B) n/a (Gi) n/a (Mt H)
LA TROBE 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.	66.25 (M) 55.50 (B)
MONASH 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, Chemistry, Environmental Science, Geography, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physics or Psychology.	85.00 (C)
Science Global	<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.	R.C. (C)
Science Research C – Clayton campus R.C. – Range of Criteria	<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.	95.05 (C)
RMIT Science (Applied 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 Maths: Mathematical Methods or Maths: Specialist Mathematics.	71.55 (C)
Science - Dean's C – City campus	<u>Science – Dean’s Scholar Program (various streams*):</u> 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 (any) or Maths: Specialist Mathematics.	n/a (C) * Physics stream 70.90
SWINBURNE 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.	60.75 (H) 72.15 H) **
UNI MELBOURNE 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 (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.	85.00 (P)
VICTORIA FP – Footscray Park campus	<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/a (FP)



TEACHING DEGREES – EARLY CHILDHOOD 2021



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	2021 REQ's
ACU	Early Childhood Education (Birth to Five Years)	ATAR – 60.70
	Education (Early Childhood and Primary)	ATAR – 71.85 CASPer or ACU Teacher Selector Statement
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – n/a but minimum 65.00
DEAKIN	Early Childhood Education (3-year degree)	ATAR – 60.55
DEAKIN	Early Childhood and Primary Education *	ATAR – 70.25 CASPer
FEDERATION	Education (Early Childhood Education) *	ATAR – 55.55 (Berwick) 51.20 (Ballarat)
	Education (Early Childhood and Primary)	ATAR – n/a (Berwick) 70.70 (Ballarat) n/a (Gippsland) CASPer
LA TROBE	Early Childhood and Primary Education	ATAR – 71.50 (Bendigo) 72.15 (Shep) CASPer
MELBOURNE POLYTECHNIC	Education (Early Years and Primary) *	ATAR – n/a (Preston) Interview
MONASH	Education (Honours) (Early Childhood and Primary)	ATAR – 77.30 (P) CASPer
RMIT	Education (Primary and Early Childhood Education)	ATAR – 71.70 CASPer
SWINBURNE	Education (Early Childhood and Primary) *	ATAR – 71.00 CASPer
SWINBURNE	Education (Early Childhood Teaching) *	ATAR – 62.35
VIC UNI	Early Childhood Education (3-year degree) *	ATAR – n/a
VIC UNI	Early Childhood Education and Leadership *	ATAR – n/a



TEACHING DEGREES – PRIMARY 2021



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	2021 REQ's
ACU These courses require the CASPer or ACU Teacher Selector Statement	Education (Early Childhood and Primary)	ATAR – 71.85 (M) n/a (B)
	Education (Primary)	ATAR – 70.35 (M) 72.50 (B)
	Education (Primary and Special Education) <i>new in 2021</i>	ATAR – 70.95 (M) n/a (B)
	Education (Primary and Secondary) <i>new in 2021</i>	ATAR – 70.05 (M)
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – min 65.00
	Education (K-12) *	ATAR – min 65.00
DEAKIN ^	Early Childhood and Primary Education *	ATAR – 70.25 (M)
DEAKIN ^ ^Both courses require the CASPer	Education (Primary) *	ATAR – 72.20 (M) 70.20 (WP) 73.5 (WB)
FEDERATION These courses require the CASPer	Education (Early Childhood and Primary)	ATAR – n/a (Be) and (Gi) 70.70 (Ba)
	Education (Primary)	ATAR – 76.55 (Be) n/a (Ba) and (Gi)
	Education (Primary and Secondary P-10)	ATAR – 70.65 (Ba) n/a (Gi)
LA TROBE These courses require the CASPer	Early Childhood and Primary Education	ATAR – 71.50 (Ben) 72.15 (Shep)
	Education (Primary)	ATAR – 70.20 (M) 70.70 (Be) n/a (Mi)
	Arts/Master of Teaching (Primary) *	ATAR - n/a (Ben); 60.00 (M)
	Science/Masters of Teaching (Primary) *	ATAR - n/a (Ben); n/a (M)
MELBOURNE POLYTECHNIC	Education (Early Years and Primary) *	ATAR – n/a (Pre) Interview
MONASH These courses require the CASPer	Education (Honours) (Early Years and Primary)	ATAR – 77.30 (P)
	Education (Honours) (Primary)	ATAR – n/a (P)
	Education (Honours) (Primary and Secondary)	ATAR – n/a (CI)
	Education (Honours) (Primary and Secondary Health & PE)	ATAR – 78.40 (P)
	Education (Honours) (Primary and Secondary Inclusive Ed)	ATAR – 79.15 (CI)
	Education (Honours) (Primary)/Arts	ATAR – 84.35 (CI)
	Education (Honours) (Primary)/Fine Arts	ATAR – R.C. (CI)
	Education (Honours) (Primary)/Music	ATAR – R.C. (CI)
Education (Honours) (Primary)/Science *	ATAR – n/a (CI)	
RMIT These courses require the CASPer	Education (Primary Education)	ATAR – 70.05 (Bu)
	Education (Primary Education and Disability Inclusion)	ATAR – 71.25 (Bu)
	Education (Primary and Early Childhood Education)	ATAR – 71.70 (Bu)
	Education (Primary and Physical Education/Sport)	ATAR – 73.60 (Bu)
SWINBURNE These courses require the CASPer	Early Childhood and Primary *	ATAR – 71.00 (H)
	Education (Primary) *	ATAR – n/a (H)
VIC UNI CASPer required	Education (P - 12)	ATAR – 70.00 (F)



TEACHING DEGREES – SECONDARY 2021



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	2021 REQ's
ACU CASPer or ACU Teacher Selector Statement for each of these degrees	Education (Secondary) <i>new in 2021</i>	ATAR – 70.10 (M)
	Education (Secondary and Special Education) <i>new in 2021</i>	ATAR – min 70.00 (M)
	Education (Secondary)/Arts (Humanities)	ATAR – 70.95 (M)
	Education (Secondary)/Arts (Mathematics)	ATAR – 77.65 (M)
	Education (Secondary)/Arts (Visual Arts)	ATAR – min 70.00 (M)
	Education (Secondary)/Exercise Science	ATAR – 70.20 (M)
CHARLES STURT	Education (K-12) *	ATAR – min 65.00
DEAKIN	Health and Physical Education *	ATAR - 70.55 (M), 70.95 (G) CASPer
	Arts/Master of Teaching (Secondary) *	ATAR – 60.05 (M)
	Science/Master of Teaching (Secondary) *	ATAR – 65.35 (M)
FEDERATION These courses require the CASPer	Arts/Education	ATAR – min 70.00
	Community and Human Services/Education	ATAR – min 70.00
	Health and Physical Education	ATAR – 71.80 (Ba); min 70.00 (Gi)
	Mathematical Sciences/Education *	ATAR – min 70.00
	Science/Education *	ATAR – min 70.00
LA TROBE These courses require the CASPer	Education (Secondary)	ATAR – 70.45 (M); 75.25 (Be)
	Arts/Master of Teaching (Secondary) *	ATAR – 61.65 (M); n/a (Be)
	Science/Master of Teaching (Secondary) *	73.75 (M)
MONASH These courses require the CASPer	Education (Honours) (Secondary)/Arts	ATAR – 84.20 (CI)
	Education (Honours) (Secondary)/Business *	ATAR – 85.55 (CI)
	Education (Honours) (Secondary)/Fine Arts	ATAR – R.C. (CI)
	Education (Honours) (Secondary Health & PE)	ATAR – min 70.00 (CI)
	Education (Honours) (Secondary)/Music	ATAR – 89.30 plus R.C. (CI)
	Education (Honours) (Secondary)/Science *	ATAR – 85.50 (CI)
RMIT	Health, Physical Education and Sport (Secondary)	ATAR – 76.20 (Bu) CASPer
UNI MELBOURNE	Arts/Master of Teaching (various streams) *	ATAR – 95.00
	Design/Master of Teaching (various streams) *	ATAR – min 95.00
	Science/Master of Teaching (various streams) *	ATAR 95.55
VIC UNI	Education (P – 12)	ATAR – 70.00 (F) CASPer
	Education (P – 12) – Arts Specialisation	ATAR – min 70.00 (F) CASPer
	Education (P – 12) – Food Technology Specialisation	ATAR – min 70.00 (F) CASPer
	Education (P – 12) – Physical Education Specialisation	ATAR – 70.40 (F) CASPer
	Science/Master of Teaching *	ATAR – n/a



TRAVEL & TOURISM COURSES 2021



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 2021
Charles Sturt University	Bachelor of Applied Science (Outdoor Recreation and Ecotourism)	Adventure, ecotourism, mountain biking, nature tourism, outdoor education, outdoor recreation, rock climbing, sea kayaking, snow skiing, white water rafting.
Holmesglen Institute	Diploma of Travel and Tourism Management / Diploma of Holiday Park and Resort Management	Business (accounting), Customer service, E-commerce, Ecotourism, Environmental management, Event management, Guiding, Human resource management, International Travel and Tourism, Marketing, Meetings and conventions management, Natural resource management, Project management, Tourism, Tourism (attractions and theme parks), Tourism (tour guiding), Tourism (tour wholesaling), Tourism (visitor information services), Tourism management, Travel Industry, Travel and tourism management, Travel sales (domestic and international).
	Certificate IV in Guiding / Certificate IV in Outdoor Recreation	Bush walking, Canoeing, Low ropes, Outdoor activity risk management, Remote area trip guiding and navigation, Rock climbing, Snow camp, Trip planning.
La Trobe University	Bachelor of Business (Tourism and Hospitality)	Tourism and Hospitality.
Victoria University	Bachelor of Business (Tourism and Hospitality Management)	Accounting, 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.
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.
	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.



YOUTH WORK AND/OR SOCIAL WORK COURSES 2021



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 2021
Australian Catholic University Youth Work	Youth Work.	59.55 (M)
Deakin University Social Work	Behavioural science, Case management, Community development, Social work.	65.45 (GWF)
La Trobe University Social Work	Human services, Psychology, Social work, Sociology.	56.10 (M) 57.35 (AW) 80.00 (Be) 71.05 (Mi)
RMIT University Youth Work and Youth Studies Social Work Social Work/Psychology	Advocacy, Case management, Community development, Community services, Community work, Counselling, Human services, Indigenous studies, International development, Justice and criminology, Organisational studies, Policy studies, Politics, Professional practice, Research methods, Social sciences, Society, Sociology, Youth policy, Youth studies, Youth work.	72.40 (C)
	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.	71.05 (C)
	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.	80.00 (C)
Victoria University Youth Work Youth Work and Criminal Justice Youth Work/Sport Management Social Work	Youth work.	n/a (F)
	Criminal justice, Youth work.	n/a (W)
	Youth work.	n/a (F)
	Social work.	n/a (FN)

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