

MATRICES 2020



ACCOUNTING DEGREES 2020

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 2020	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 2020: 59.85
CHARLES STURT	Accounting	Accounting, auditing, business (law), business (management), business (taxation), finance, financial accounting, management accounting.	n/a ATAR 2020: n/a
FEDERATION UNIVERSITY	Commerce (Accounting)	Economics and Finance, Information Technology, Law.	Units 3 and 4: a study score of at least 20 in any English. ATAR 2020: 48.65
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 2020: 65.40
	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 2020: 55.50 (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 2020: 56.50
MONASH UNIVERSITY	Accounting	Accounting.	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 Maths: Mathematical Methods or at least 22 in Maths: Specialist Mathematics. ATAR 2020: 84.10
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 2020 75.00
	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 2020: 65.00
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 2020: 60.50
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 2020: n/a

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AGRICULTURE DEGREES 2020



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 2020
BOX HILL INSTITUTE	Bachelor of Biosecurity Science	Units 3 and 4: a study score of at least 20 in any English; Units 3 and 4: a study score of at least 20 in any Mathematics.	Biosecurity Science (Lilydale Lakeside campus)
CHARLES STURT UNIVERSITY	Bachelor of General Studies (Science)	n/a, but completion of Year 12 and the ATAR is considered for selection	Agriculture, allied health, animal science, biomedical sciences, chemistry, environmental science, mathematics, medical science, physics.
LA TROBE UNIVERSITY	Bachelor of Agricultural Sciences	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	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.	Agricultural studies, Agronomy, Equine studies, Sports turf science and management, Viticulture and winemaking.
MARCUS OLDHAM COLLEGE	Bachelor of Business (Agribusiness)	n/a, but completion of Year 12 and the ATAR is considered for selection	Agribusiness.
	Bachelor of Business (Agriculture)	n/a, but completion of Year 12 and the ATAR is considered for selection	Agriculture, Farm Management and 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.

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ANIMALS, CONSERVATION, WILDLIFE & ZOOLOGY COURSES 2020



A number of universities in Victoria offer a range of courses in *animal science*, *marine biology*, *veterinary nursing*, *conservation studies*, and *wildlife & zoology*. Quite a few 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 2020
DEAKIN UNIVERSITY ATAR: 60.35 (Melbourne) ATAR: 66.95 (Geelong) ATAR: 52.40 (Warrnambool) ATAR: 74.20 (Melbourne) ATAR: 65.10 (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, Catchment management, Coastal and marine management, Conservation biology/ecology, Ecological studies, Ecology, Ecosystem management, Environmental health, Environmental impact assessment, Environmental management, Environmental policy and planning, Environmental protection, Environmental science, Land and water management, Land management, Natural resources management, Parks and wildlife reserve management, Plant and animal biology, Professional practice, Research methods, Science, Sustainability, Waste management and pollution control, 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.
	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 and plant biology, Animal behaviour, Animal biochemistry, 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: n/a (Berwick) ATAR: 52.45 (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: 60.75 (Melbourne) ATAR: 55.22 (Melbourne) ATAR: 76.40 (Melbourne) ATAR: 67.60 (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.

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ANIMATION & GAMING COURSES 2020



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 2020
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, Animation, Audio and visual effects, Character design and rigging, Compositing, Creative arts, Documentary and experimental filmmaking, Film and television, Film studies, Film titling, 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 30 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.
	Games and Graphics Programming	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.	Animation (games), Animation (modelling), Animation software, Artificial intelligence, Computer animation (computer graphics), Computer graphics, Computer programming, Design (3D), Digital imaging, Games programming, Internet and multimedia, Multimedia and digital arts, Networking and multimedia technology, Programming (C), Programming (Java), Software engineering.
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.

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ARCHITECTURE, CONSTRUCTION & SURVEYING 2020



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. Students are encouraged to explore pathway courses to these degrees.

INSTITUTION	COURSE	VCE PREREQUISITES	2020 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 70.35
	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 60.40
Holmesglen (Chadstone Campus)	Building Surveying	n/a, but ATAR is used for selection	ATAR n/a
	Construction Management and Economics	n/a, but ATAR is used for selection	ATAR n/a
Monash (Caulfield Campus)	Architectural Design and Master of 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 82.60
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. Pre-Selection Kit 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. Pre-Selection Kit 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 80.00
	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 74.25
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 75.05
	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, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts, Systems Engineering or Visual Communication Design.	ATAR 71.25
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 86.55
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

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ARTS DEGREES ON OFFER IN VICTORIA 2020



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 2020	ATAR 2020
<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.	59.05 (M)
<u>DEAKIN</u> G – Geelong Waurn Ponds Campus M – Melbourne Campus	Advertising, Anthropology, Arabic, Children's Literature, Chinese, Creative Writing, Criminology, Dance, Drama, Education, Film, Television and Animation, Gender and Sexuality Studies, Geography and Society, History, Indonesian, International Relations, Journalism, Language and Culture Studies, Literary Studies, Media Studies, Middle East Studies, Philosophy, Photography, Politics and Policy Studies, Public Relations, Religious Studies, Sociology, Spanish, Visual Arts.	56.40(G) 60.05 (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.	44.45 (B) 48.05 (G) 46.05(MH)
<u>LA TROBE</u> M – Melbourne Campus AW – Albury Wodonga Campus B – Bendigo Campus Note: Fewer majors are offered at the AW and B campuses	Aboriginal studies, Ancient societies and human origins, Anthropology, Asian studies, Biochemistry, Botany, Chinese, Classics and ancient history, Creative and professional writing, Crime, justice and legal studies, Economics, English, Environmental geoscience, Environmental humanities, Event management, Financial management, French, Gender, sexuality and diversity studies, Genetics, Health promotion, History, Human resource management, Indonesian, International business, International studies, Italian studies, Japanese, Latin American studies, Linguistics, Management, Marketing, Microbiology, Modern Greek, Philosophy, Politics, Psychology, Public health, Rehabilitation counselling, Screen media and performance, Sociology, Spanish, Sport counselling and athlete welfare, Sport management, Statistics, Sustainability and development, Tourism and hospitality, Visual cultures, Zoology.	60.00 (M) 60.65 (AW) 58.80 (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, Digital humanities, Film and screen studies, French studies, Gender studies, German 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), Italian studies, Japanese studies, Jewish studies (minor), Journalism, Korean studies, Languages, Linguistics, Literary studies, Music, Philosophy, Politics, Psychology, Religious studies (minor), Social science, Sociology, Spanish and Latin American studies, Theatre and performance, Ukrainian studies (minor).	80.15 (Ca) 84.00 (Cl)
<u>SWINBURNE</u> H – Hawthorn Campus * <u>Professional Degree</u>	Advertising, Chinese, Cinema and screen studies, Creative writing and literature, Criminology, Digital advertising technology, Environmental sustainability, Games and Interactivity, Global studies, History, Indigenous studies, Japanese, Journalism, Media industries, Philosophy, Politics and international relations, Professional writing and editing, Social media, Sociology.	60.20 (H) 80.30 (H)*
<u>UNI MELBOURNE</u> P – Parkville Campus	Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Australian Indigenous 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, 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.	87.65 (P)
<u>VICTORIA UNI</u> P – Footscray Park Campus	Communication studies, Digital media, History, Literary studies, Political Science, Psychology, Sociology, Visual Arts, Writing.	n/a (FN) n/a (FP)

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BANKING AND/OR FINANCE DEGREES 2020



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 2020	ATAR 2020
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.	59.85 (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	58.05 (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.	68.85 (M)
MONASH Ca – Caulfield Cl - Clayton	Banking 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; 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.	Banking and Finance.	83.95 (Ca)
	Finance	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.	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.	68.25 (C) 80.00 (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)

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BIOMEDICINE/BIOMEDICAL SCIENCE DEGREES 2020



A Biomedicine or Biomedical Science degree is offered at a number of universities and is often regarded as an excellent pathway degree to graduate medicine. Visit [VTAC](#) for more information on these and other courses – including double-degrees.

INSTITUTION	COURSE NAME	VCE PREREQUISITES	MAJOR STUDIES IN 2020
ACU M - Melbourne	Biomedical Science ATAR: 58.70 (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) 72.50 (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 (Burwood), Pathophysiology, Pharmaceutical Science, Physiology.
FEDERATION B – Berwick Gi – Gippsland Ba - Ballarat	Biomedical Science ATAR: 50.45 (B) n/a (Gi) 52.75 (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	Biomedicine ATAR: 65.70 (M)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Biochemistry, Biomedical Science, Biomedicine, Biosciences, Cell and molecular biology, Chemistry, Health, Human Physiology, Medical science.
	Biomedical Science ATAR: 66.20 (AW) 61.45 (B)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Biochemistry, Biomedical Science, Biosciences, Cell and molecular biology, Chemistry, Health, Medical science, Pharmacology.
MONASH C - Clayton	Biomedical Science ATAR: 92.10 (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 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, Bioinformatics, Biomedical science, Biomedicine, Biophysics, Biotechnology, Genetics, Health sciences, Human biology, Human sciences, Microbiology, Molecular and cell biology, Neurobiology, Pathology, Pathophysiology.
RMIT B - Bundoora	Biomedical Science ATAR: 70.40 (B)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics; Units 3 and 4: a study score of at least 20 in Chemistry.	Anatomy, Biochemistry, Biomedical science, Biotechnology, Cell biology, Cell physiology, Human physiology, Medical science, Microbiology, Molecular medicine and biotechnology, Neurobiology, Pathology, Pharmacology.
UNI MELBOURNE P - Parkville	Biomedicine ATAR: 94.00 (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, Microbiology and immunology, 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: 82.55 (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.

MATRICES 2020



BUSINESS DEGREES 2020



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 2020	ATAR 2020
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.	59.40 (M)
CQU M - Melbourne	Business	n/a	Accounting, Financial Planning, Human Resource Management, Management, Marketing, Property, Social Innovation.	n/a (M)
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 and digital communication, Entrepreneurship and innovation, Event management, Organisational psychology, People management, Project management, Retail and supply chain management.	63.20 (M) 60.05 (G)
FEDERATION Be – Berwick Ba – Ballarat Gi - Gippsland	Business	Units 3 and 4: a study score of at least 20 in any English.	Entrepreneurship, Human Resource Management, Management, Marketing, Professional Experience.	40.75 (Be) 39.95 (Ba) 36.35 (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.	55.30 (M) 57.50 (Be) 63.55(AW)
MONASH Ca – Caulfield P - Peninsula	Business	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 Maths: Mathematical Methods or at least 22 in Maths: Specialist Mathematics.	Accounting, Banking and finance, Business law, Business management, Business statistics, Economics and business strategy, Human resource management, International business, Marketing, Taxation.	82.10 (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 30 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.	70.05 (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.	48.20 (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, Economics, Entrepreneurship and innovation, Finance, Financial planning, Human resource management, Information systems, International business, Logistics and supply chain management, Management, Marketing, Sports management.	60.00 (H) 75.45 * (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)

MATRICES 2020



CIVIL ENGINEERING DEGREES 2020

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 2020
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 one of Maths: Mathematical Methods or 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.	66.40 (M) 72.75 (Be)
Monash University C – Clayton 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; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	92.30 (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 Further Maths	80.30 (C/B) 80.05 (C) ^^
Swinburne University H – Hawthorn Campus *Professional Degree	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	75.00 (H) 83.00* (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; and 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.

MATRICES 2020



CHIROPRACTIC, OSTEOPATHY & REMEDIAL MASSAGE 2020



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 2020
Chisholm TAFE	Remedial Massage	Satisfactory completion of a Year 12	n/a
Holmesglen TAFE	Remedial Massage	n/a	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.	64.20
	Osteopathy	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	60.10
	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.	63.50

MATRICES 2020



COMMERCE DEGREES 2020

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 2020	ATAR 2020
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.	58.55 (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, Economics, Finance, Financial Planning, Food and agribusiness, Human resource management, Management, Management information systems, Marketing.	70.00 (G) 80.00 (M) 62.85 (W)
FEDERATION B – Berwick Gi – Gippsland Ba – Ballarat	Commerce	Units 3 and 4: a study score of at least 20 in any English.	Accounting, Economics and Finance, Law.	n/a (B) n/a (Gi) n/a (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.	80.00 (M)
MONASH Cl – Clayton	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, Behavioural commerce, Business analytics, Business law (minor), Econometrics, Economics, Finance, Management studies, Marketing science, Sustainability.	90.35 (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, Business, Economics, Finance, Management, Marketing.	93.00 (P)

MATRICES 2020



COMPUTER SCIENCE DEGREES 2020

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 2020
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. 2020 ATAR: 63.20 (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. 2020 ATAR: 60.60 (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 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL. 2020 ATAR: 85.70 (CI)	Algorithms and data structures, Computational science, Computer graphics, Computer programming, Computer science, Computing, Data science, Databases, Digital humanities, 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. 2020 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 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: a study score of at least 20 in 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. 2020 ATAR: 65.35 (H) 2020 ATAR: 75.50 (H) **	Cybersecurity, Data science, Games development, Internet of Things, Network design, Software design, Software development.

MATRICES 2020



CYBERSECURITY COURSES 2020

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 2020
Box Hill Institute	Advanced Diploma of Cyber Security	n/a, but must complete Year 12	Cyber Security Policy and Planning, IOT device security, Incident response, Networking and Network Security, Penetration testing, Threat detection and mitigation.
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	Cert IV in Cyber Security	n/a, but must complete Year 12	Collecting and analysing data to identify cyber threats and vulnerabilities, Cyber Security Industry Project, Cyber ethics and workplace legislation, Introduction to Pen Testing, Intrusion testing, Managing System Security, Network Security firewall configuration, Networking skills for Cyber Security, Programming skills for Cyber Security, Securing Websites, Security monitoring & Incident response, Working and communicating in a Cyber Security Operations Centre in an Organisation.
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 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.	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.

MATRICES 2020



ELECTRICAL ENGINEERING DEGREES 2020



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 2020
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.	69.00 (G) 75.10 (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)
La Trobe University 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.	71.75 (M)
Monash University CI – Clayton 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; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	92.30 (CI)
RMIT University Electrical	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	80.15 (C)
Electrical & Electronic	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.	80.25 (C)
Telecommunications	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.	n/a (C)
New Engineering (Honours) C – City Campus	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	80.05 (C)
Swinburne University Honours	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	75.00 (H)
Honours (Professional)	Units 3 and 4: a study score of at least 25 in English other than EAL or at least 30 in English (EAL); Units 3 and 4: a study score of at least 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	83.00 (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)

MATRICES 2020



ENGINEERING DEGREES 2020



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](#)

INSTITUTION	COURSE	MAJOR STUDIES IN 2020	ATAR 2020
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.	70.10 (M) 64.05 (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.	75.10 (M) 69.00 (G)
	Environmental	Ecology, Engineering, Environmental chemistry, Environmental engineering, Environmental protection and management, Hydrology, Sustainable infrastructure engineering, Waste management, Water engineering.	69.00 (G)
	Mechanical	Computer-aided design (CAD), Computer-aided engineering (CAE), Control systems, Dynamics, Engineering, Engineering (fluid), 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.	71.80 (M) 61.75 (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.	71.75 (M) 67.40 (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.	64.40 (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	Digital Communication Principles, Digital Logic and Design, Electrical Power Distribution Engineering, Electromechanical Energy Conversion, Micro-grid and Energy Storage Systems, Power Electronic Applications to Renewable Energy Systems, Power Electronics, Power System Analysis, Power System Protection, Principles of Renewable Energy Sources, Signals and Systems.	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.	65.10 (B)
	Mechatronic Systems	Computing Engineering, Electronics Engineering, Engineering Management, Manufacturing, Mechanical Engineering, Mechatronics, Robotics, Sensing and Artificial Intelligence, Systems Control.	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.	66.40 (M) 72.75 (B)
	Electrical & Electronic	Electrical engineering, Electronic engineering.	71.75 (M)
	Industrial Engineering	Engineering (industrial), Engineering design, Engineering enterprise, Engineering industry 4.0, Engineering innovation, Project management, Systems engineering.	67.95 (M) 70.80 (B)
MONASH Cl – Clayton	Aerospace ^	Aerodynamics, Aeronautical, Aerospace Engineering, Avionics, Engineering.	92.30 (Cl)
	Engineering ^	Aerospace engineering, Chemical engineering, Civil engineering, Electrical and computer systems engineering, Engineering, Environmental engineering, Materials engineering, Mechanical engineering, Resources engineering, Robotics and Mechatronics Engineering, Software engineering.	92.30 (Cl)
	Software ^	Engineering, Software engineering.	93.60 (Cl)
RMIT C – City C/B – City & Bundoora *Any maths	Advanced Manufacturing & Mechatronics	Advanced Manufacturing Engineering, Engineering, Mechatronics Engineering.	85.55 (C/B)
	Aerospace	Aerospace engineering, Engineering.	80.30 (C/B)
	Automotive	Automotive Engineering, Engineering.	82.70 (C/B)
	Biomedical*	Biomaterials, Biomechanics, Biomedical Electronics, Biomedical Engineering, Engineering, Lab-on-a-chip technology, Micro-Nano Systems.	80.00 (C)

MATRICES 2020

RMIT C – City C/B – City & Bundoora *Any maths	Chemical ^	Chemical Engineering, Engineering, Environmental Engineering, Minerals and Metallurgical Processing, Water Treatment.	80.50 (C)
	Civil & Infrastructure	Civil Engineering, Civil and Infrastructure Engineering, Engineering, Infrastructure Engineering.	80.30 (C/B)
	Computer & Network	Computer and Network Engineering, Embedded Systems, Engineering, Network Engineering, Signal Processing, Systems Engineering and Applications.	80.40 (C)
	Electrical	Control Automation, Electrical engineering, Electronics and Systems, Energy Conversion, Engineering, Power Systems.	80.15 (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.	80.25 (C)
	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.	80.05 (C)
	Environmental	Chemical Engineering, Civil Infrastructure Engineering, Engineering, Environmental Engineering, Hydrogeology, Water Engineering.	80.55 (C/B)
	Mechanical	Engineering, Mechanical Engineering.	80.40 (C/B)
	Software Engineering	Algorithms and data structures, Artificial intelligence, Computer architecture, Computer operating systems, Database systems, Industrial collaboration and experience, Networks and data communications, Object-oriented design, Object-oriented modelling, Object-oriented programming, Object-oriented software engineering, Operating systems, Problem solving, Programming, Programming (C), Programming (Java), Project management, Software development, Software engineering, Software engineering practices.	83.00 (C)
	Sustainable Systems	Engineering, Sustainable systems engineering.	83.00 (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).	41.55 (C)
	Telecommunications	Defence systems, Electronic Devices and Systems, Electronic Sensors and Controllers, Engineering, Telecommunications Engineering, Wireless Communications.	n/a (C)
SWINBURNE H – Hawthorn @ Professional Degree *Any maths	Engineering	Architectural engineering, Biomedical engineering, Civil engineering, Construction engineering, Electrical and electronic engineering, Mechanical engineering, Product design engineering, Robotics and mechatronics, Software engineering, Telecommunications engineering.	75.00 (H) 83.00 (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.	59.50 (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 & Electronic #	Engineering (Electrical and Electronic Engineering).	n/a (FP)
	Mechanical #	Engineering (Mechanical Engineering).	n/a (FP)

MATRICES 2020



ENVIRONMENTAL SCIENCE DEGREES 2020



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 2020
CHARLES STURT	Environmental Science and Management	n/a but Year 12 and ATAR are used in the selection process	Climate change, conservation, environmental impact assessment, environmental science, geographical information systems, international conservation, land restoration and rehabilitation, sustainable development, water resource management, wildlife and vegetation ecology.
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, Catchment management, Coastal and marine management, Conservation biology/ecology, Ecological studies, Ecology, Ecosystem management, Environmental health, Environmental impact assessment, Environmental management, Environmental policy and planning, Environmental protection, Environmental science, Land and water management, Land management, Natural resources management, Parks and wildlife reserve management, Plant and animal biology, Professional practice, Research methods, Science, Sustainability, Waste management and pollution control, 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, 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.	Catchment management, Conservation, Ecology, Environmental Science, Environmental analysis, Environmental biology, Environmental chemistry, Environmental engineering, Environmental monitoring, Environmental policy and management, Geospatial 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.

MATRICES 2020



EVENT PLANNING COURSES 2020



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 2020	VCE ENTRY REQUIREMENTS
Box Hill Institute	Diploma of Events	n/a
Holmesglen Institute	Diploma of Events with Certificate III in Live Production	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](#)

MATRICES 2020



EXERCISE SCIENCE & SPORT DEGREES 2020



UNIVERSITY	COURSES	VCE PREREQUISITE SUBJECTS IN 2020	ATAR 2020
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.

MATRICES 2020



FASHION, TEXTILES, & VISUAL MERCHANDISING COURSES 2020



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 2020
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	Cost estimation, Design influences and concepts (textiles), Fabric and fibre technology, Fashion trend analysis, International trade, Management, Marketing research, Marketing strategy, Merchandising, Networking, Online brand management, Production Planning, Purchasing, Quality control, Risk analysis and management, Sales and marketing, Strategic marketing, Supply chain management, Textile product knowledge.
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, Pattern making, Specifications, Supply chain management.
	Diploma of Fashion Styling	Business practices for fashion stylists, Events for editorial purposes, Events for media/advertising, Fashion styling as it applies to personal styling, Fashion trend analysis.
	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), Distribution and logistics, Fashion branding, Fashion marketing, Fashion materials, Global impacts, Global marketing, Industry research, Merchandise planning and management, Merchandising mathematics, Product development (TCF).
	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, 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	Colour, Computer-aided drawing (CADD), Design (3D), Digital imaging, Display principles, Event planning and styling, Illustration, Merchandise presentation, Photo styling, Photography, Technical drawing, Visual merchandising.
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.

MATRICES 2020



FILM & TELEVISION COURSES 2020



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 2020
Deakin University	Bachelor of Film, Television and Animation	Acting for screen, Animation, Directing, Documentary and experimental filmmaking, Editing, Film, Film and Television production management, Film studies, Genre, International film study tour, Lighting and cinematography, Local and international industry internships, Media, Motion capture, Narrative, Photography, Producing, Production design, Project management, Quality Management, Screen production, Script writing and storyboarding, Sound recording and editing, Soundtrack design and mixing, Stop-motion animation, Television, Television studio production, Verbal communication.
Footscray City Films / Footscray City College	Film and Television Production	Cinematography, Directing, Editing, Event Management, Film History, Lighting Design, Make Up Design, Producing, Production Design, Production Management, Screenwriting, Sound Design, Sound Recording.
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.
RMIT University	Screen and Media (Film and Television Production)	Cinema studies, Computer animation, Computing (audio-visual), 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.
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.

MATRICES 2020



GAMES DESIGN COURSES 2020



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 2020
Box Hill Institute	Certificate IV in Digital and Interactive Games	3D Modelling and Animation, Game Design, Programming.
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.
	Bachelor of Information Technology (Games and Graphics Programming)	Animation (games), Animation (modelling), Animation software, Artificial intelligence, Computer animation (computer graphics), Computer graphics, Computer programming, Design (3D), Digital imaging, Games programming, Internet and multimedia, Multimedia and digital arts, Networking and multimedia technology, Programming (C), Programming (Java), Software engineering.
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.

MATRICES 2020



GLOBAL AND INTERNATIONAL STUDIES COURSES 2020

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 2020
ACU	International Development Studies	International Development Studies.
	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.
Deakin	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, Indonesian, International relations, Language and culture studies, Middle East studies, Politics and policy studies, Spanish.
	International Studies/Commerce	Accounting, Anthropology, Arabic, Chinese (Burwood, Waurn Ponds), Economics, Finance, Financial planning, Human resource management, Indonesian, International relations, Language and culture studies, Management, Management information systems, Marketing, Middle East studies, Politics and policy studies, Spanish.
	Laws/International Studies	Anthropology, Arabic, Chinese, Indonesian, International relations, Language and culture studies, Middle East studies, Politics and policy studies, Spanish.
La Trobe	International Relations	International Relations.
	Laws/International Relations	Law, International Relations.
	Politics, Philosophy and Economics (PPE)	Economics, Philosophy, Politics.
Monash	Global Studies	Cultural competence, Global studies, Human rights, International relations, International studies, Languages.
	Laws/Global Studies	Constitutional law, Corporations law, Criminal law & procedure, International relations, International studies, Administrative law, Contract, Cultural competence, Equity, Evidence, Global studies, Human rights, Intellectual property, Languages, Law, Lawyers' ethics in practice, Litigation and dispute resolution, Professional practice, Property, Taxation, Torts, Trusts.
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.
	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.
Swinburne	Laws/Arts	Administrative law, Advertising, Australian law and statutory interpretation, Chinese, Cinema and screen studies, Civil procedure and alternative dispute resolution, Commercial law, Company law, Competition law and policy, Contract law, Copyright, Creative writing and literature, Criminal law and procedure, Criminology, Digital advertising technology, Environmental sustainability, Equity and trusts, Federal and state constitutional law, Global studies, History, Indigenous studies, Intellectual property law, Japanese, Journalism, Legal practice and professional conduct, Media industries, Misleading conduct, Patents and designs, Philosophy, Politics and international relations, Professional writing and editing, Property law, Social media, Sociology, Taxation law, Trade marks and related rights.
Uni Melbourne	Arts	Ancient world studies, Anthropology, Arabic studies, Art history, Asian studies, Australian Indigenous studies, Chinese studies, Classics, Creative writing, Criminology, Economics, English and theatre studies, French studies, Gender studies, Geography, German studies, Hebrew and Jewish studies, History, History and philosophy of science, Indonesian studies, Islamic studies, Italian studies, Japanese studies, 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.

MATRICES 2020



GRAPHIC, INTERIOR & VISUAL DESIGN DEGREES 2020



UNIVERSITY	VCE PREREQUISITE SUBJECTS IN 2020	SELECTION & ATAR FOR 2020
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.)	61.70 (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 recommended.)	59.95 (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)	65.95 (GW) and 50.85 (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)	56.30 (GW) 56.05 (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 Mi – Mildura	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.)	57.70 (B), n/a (Mi) Selection: ATAR
MONASH C – Caulfield	Design (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	76.50 (C) Selection: 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: Folio & Folio Presentation, Interview, and ATAR
RMIT C – City	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 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: Pre-selection Kit, 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 kit, Folio Presentation, and ATAR
	Interior Decoration & Design Associate Degree (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)	Range of Criteria (C) Selection: Selection kit 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: Selection kit, Folio Presentation, and ATAR
SWINBURNE H – Hawthorn	Communication Design (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 Art, Product Design And Technology, Media, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.)	82.10 (H) Selection: ATAR
	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, Interactive Digital Media C, Creative And Digital Media (VCE VET) I, Studio Arts or Visual Communication Design.)	63.15 (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	86.55 (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: Supplementary Form, Folio & Folio presentation, Interview, and ATAR

MATRICES 2020



HEALTH SCIENCE DEGREES 2020



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 2020
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 30 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.

MATRICES 2020



HUMAN RESOURCES COURSES 2020



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 2020
Federation University	Bachelor of Business (Human Resource Management)	Entrepreneurship, Management, Marketing, Professional Experience.
Holmesglen Institute	Diploma of Human Resources Management	Emotional Intelligence, Employment law, Human resource management, Occupational health and safety, Performance management, Project Work, Recruitment and selection, Workforce 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.
Swinburne University	Diploma of Human Resources Management	Human resource services, Human resources, Industrial relations, Managing projects, Mediation processes, Organisational change, Workforce planning.
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.

MATRICES 2020



INFORMATION TECHNOLOGY DEGREES 2020



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 2020	MAJOR STUDIES IN 2020
CHARLES STURT	n/a but an ATAR is used for selection 2020 ATAR: n/a	Computer programming, computing, computing (networks), object-orientated programming, software engineering, systems administration, systems analysis.
CQU	Units 3 and 4: a study score of at least 25 in any English. 2020 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. 2020 ATAR: 60.45 (M) 60.60 (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 (CISCO curriculum), 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. 2020 ATAR: 39.95 (Be), n/a (Gi), 38.40 (Ba)	Big Data & Analytics, Cloud & Enterprise Computing, Communications & Technology, Data Modelling, Game Development Fundamentals, IT Problem Solving, IT Project Management Techniques, Mobile Development Fundamentals, Professionalism & Entrepreneurship, Systems Modelling, Understanding the Digital Revolution, User Experience, Web Design.
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. 2020 ATAR: 55.35 (M) 55.15 (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 30 in English (EAL) or at least 25 in English other than EAL. 2020 ATAR: 80.10 (CI)	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. 2020 ATAR: 72.05 (C)	Business IT, Data networks, Database administration, Databases, Graphics, Information technology, Internet technology, Networks and data communications, Object-oriented modelling, Object-oriented programming, Problem solving, Professional practice, Programming, Programming (.NET), Programming (C#), Programming (C), Programming (Java), Programming (PHP), 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). 2020 ATAR: 60.15 (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. 2020 ATAR: n/a (FP)	Network and system computing, Web and mobile application development.

MATRICES 2020

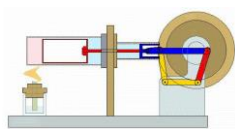


LAW UNDERGRADUATE DEGREES 2020

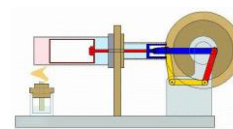


INSTITUTION	COURSES	ATAR FOR 2020
Australian Catholic University Visit ACU - Law M – Melbourne campus	Laws	70.15
	Arts/Laws	71.00
	Biomedical Science/Laws	77.75
	Business Administration/Laws	75.00
	Commerce/Laws	71.25
	Laws/Global Studies	70.30
	Philosophy/Laws	n/a
	Psychological Science/Laws	71.40
	Theology/Laws	n/a
Deakin University Visit Deakin - Law G – Geelong Waterfront campus M – Melbourne campus	Laws	84.20 (G), 90.05 (M)
	Arts/Laws	85.20 (G), 91.15 (M)
	Commerce/Laws	85.05 (G), 91.00 (M)
	Criminology/Laws	85.70 (G), 91.10 (M)
	Laws/Cybersecurity	n/a (G), n/a (M)
	Laws/International Studies	85.60 (G), 91.75 (M)
	Property & Real Estate/Laws	n/a (M)
	Science/Laws	91.80 (M)
La Trobe University Visit La Trobe - Law B – Bendigo campus M – Melbourne campus	Laws	n/a (B), 90.10 (M)
	Commerce/Laws	90.65 (M)
	Laws/Arts	n/a (B), 90.00 (M)
	Law (Honours)/Biomedical Science	94.10 (M)
	Laws/Business	n/a (B)
	Laws/Criminology	n/a (B), 90.85 (M)
	Laws/International Relations	92.05 (M)
	Laws/Media and Communication	93.95 (M)
	Laws/ Politics, Philosophy and Economics	91.35 (M)
	Laws/Psychological Science	n/a (B), 90.90 (M)
	Laws/Science	n/a (B), 93.70 (M)
Monash University Visit Monash - Law Cl – Clayton campus	Laws (Honours)	98.00
	Law (Honours)/Arts	98.00
	Law (Honours)/Biomedical Science	98.00
	Laws (Honours)/Commerce	98.00
	Laws/Computer Science	98.00
	Laws (Honours)/Criminology	98.00
	Law (Honours)/Engineering	98.00
	Law (Honours)/Global Studies	98.00
	Laws/Information Technology	98.00
	Laws (Honours)/Music	Range of Criteria (RC)
Laws (Honours)/Science	98.00	
Swinburne University Visit Swinburne - Law H – Hawthorn campus	Laws	85.35
	Laws/Arts	87.30
	Laws/Aviation Management	n/a
	Laws/Business	85.55
	Laws/Business Information Systems	n/a
	Law/Computer Science	n/a
	Law/Criminal Justice & Criminology	86.50
	Laws/Engineering	89.65
	Laws/Innovation and Design	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	80.75 (C)
	Laws/Arts	80.30 (C & F)
	Laws/Business	81.65 (C & F)
	Law/Criminology	81.15 (C)
	Laws/Psychological Studies	82.00 (C & F)

MATRICES 2020



MECHANICAL ENGINEERING DEGREES 2020



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 2020
Deakin University G – Geelong Waurin 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.	67.75 (G) 71.80 (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.	65.10 (MH)
Monash University CI – Clayton 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; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics.	92.30 (CI)
RMIT University Engineering (Honours) Engineering (Mechanical) Degree Associate Degree Engineering Technology C/B – City & Bundoora C - City	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	80.05 (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.	80.05 (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.	41.55 (C)
Swinburne University Engineering Degree (Prof) Engineering Degree H – Hawthorn Campus R.C. – Selection based on range of criteria	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.	83.00 (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.	75.00 (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](#).

MATRICES 2020



MEDIA, COMMUNICATION & JOURNALISM DEGREES 2020

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 2020	ATAR 2020
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.	60.05 (M)
	Communication (Digital Media)	Digital and social media, Gamified media, Media and cultural industries, Media genre and cultural representation, Media policy regulation and censorship in global contexts, Quantified media.	61.20 (M) 55.50 (GW)
	Communication (Journalism)	Broadcast journalism, Local and international news, Multiplatform journalism, Newsroom production, Online journalism, Print journalism, Professional journalism practice.	61.40 (M) 58.50 (GW)
	Communication (Public Relations)	Campaigns and event management, Ethical communication, Marketing communication, Media and communication, Media relations, Professional writing, Public affairs, Public relations, Public relations management, Social media, Strategic communication.	60.50 (M) 56.40 (GW)
LA TROBE M - Melbourne	Media & Communication (Journalism)	Journalism	56.70 (M)
	Media & Communication (Media Industries)	Media industries, Media production.	56.45 (M)
	Media & Communication (Public Relations)	Public relations, Strategic communication.	56.60 (M)
	Media & Communication (Sports Journalism)	Journalism (Sport)	66.50 (M)
MONASH Ca – Caulfield	Media Communication	Journalism, Media, Public relations, Screen.	80.40 (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 kit, 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, Newsroom sociology, Online journalism, Photojournalism, Political journalism, Print journalism, Radio Journalism, TV journalism.	78.15 (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 economics, Popular culture, Radio production, Social media production, Video production.	78.05 (C)
	Communication (Prof. Communication)	Advertising, Asian studies, Cinema studies, Communication, Journalism, Literature, Media production, Politics, Popular culture, Public relations.	80.05 (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.	82.100 (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.	60.95 (H) 80.15 (H) *
VICTORIA FP – Footscray Park	Screen Media	Screen media.	n/a (FP)

MATRICES 2020



MEDICAL IMAGING COURSES 2020



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	2020 ATAR
CQU M - Melbourne Campus	Medical Sonography	Year 12 English	80.15 (M)
Deakin University G - Geelong Waurin 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.	88.45 (G)
Monash University C – Clayton Campus *This course is primarily at Clayton with some first year-level units only available at Caulfield.	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)
	Radiation 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 30 in Maths: Further Mathematics or at least 25 in Maths: Mathematical Methods or at least 25 in Maths: Specialist Mathematics.	87.95 (C) *
	Radiation Sciences (Informatics)	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 30 in Maths: Further Mathematics or at least 25 in Maths: Mathematical Methods or at least 25 in Maths: Specialist Mathematics.	n/a (C) *
RMIT University B – Bundoora Campus	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.	94.45 (B)
	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 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.	83.25 (B)
	Medical Radiations (Radiation Therapy)	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.	88.20 (B)

MATRICES 2020



NURSING AND/OR MIDWIFERY DEGREE COURSES 2020



UNIVERSITY	VCE PREREQUISITE SUBJECTS	ATAR FOR 2020
ACU Ba – Ballarat M – Melbourne	Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	75.00 (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)	73.45 (M), 58.65 (Ba)
CHARLES STURT AW – Albury Wodonga	Nursing (no prerequisite subjects, but maths, biology and English highly recommended)	65.50 (AW)
DEAKIN G – Geelong Waterfront M – Melbourne W – Warrnambool	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	74.60 (M), 63.15 (G), 50.50 (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)	84.80 (M)
	Nursing/Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	91.25 (M), 86.15 (G), 74.50 (W)
FEDERATION 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.)	60.05 (B), 60.10 (Gi), 61.45 (Mt H)
HOLMESGLEN Mo – Moorabbin	Nursing (Units 1 and 2: satisfactory completion in one of General Mathematics or Maths: Mathematical Methods or Units 3 and 4: any Mathematics; and a study score of at least 25 in any English)	n/a (Mo)
LA TROBE 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.)	67.75 (M), 56.90 (AW), 57.20 (B), 59.60 (S), 61.45 (Mi)
	Nursing/Midwifery (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)	85.00 (M) 83.50 (B)
MONASH C – Clayton P – Peninsula	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 30 in English (EAL) or at least 25 in English other than EAL.)	79.55 (C), 74.65 (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 30 in English (EAL) or at least 25 in English other than EAL.)	91.45 (P)
RMIT Bu - Bundoora	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 1 and 2: satisfactory completion of any Mathematics or Units 3 and 4: any Mathematics.)	65.00 (Bu)
SWINBURNE H – Hawthorn	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)	65.15 (H)
VICTORIA UNI St A – St. Albans	Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 1 and 2: satisfactory completion of any Mathematics or Units 3 and 4: any Mathematics.)	n/a (St A)
	Midwifery/Nursing (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, any Mathematics or Physics.)	77.90 (St A)

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

MATRICES 2020



NUTRITION AND DIETETICS 2020



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 2020
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.

MATRICES 2020



OCCUPATIONAL THERAPY 2020



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 2020
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.	65.10 (M)
Charles Sturt AW – Albury-Wodonga	No VCE prerequisites but completion of Year 12 is required, and an ATAR is used in selection	76.25 (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.	70.35 (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.	64.50 (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.	71.80 (B) 76.00 (M)
Monash P - Peninsula	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	83.90 (P)

Log onto [VTAC](#) to find out more about these courses, as well as *Applied Health Assistance* courses offered at various TAFE institutions.



PHYSIOTHERAPY 2020



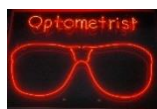
Physiotherapists assess, treat and prevent disorders in human movement caused by injury and disease - [Good Universities Guide - Physiotherapist](#)

Physiotherapy is currently offered at the following Victorian Universities –

UNIVERSITY	VCE REQUIREMENTS	ATAR 2020
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 Biology, Chemistry or Physics.	77.20 (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	92.70 (AW)
La Trobe AW – Albury-Wodonga B – Bendigo M – Melbourne Mi – Mildura S – Shepparton	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, any Mathematics, Physical Education or Physics.	93.55 (AW) 95.65 (B) 95.45 (M) n/a (Mi) 94.60 (S)
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.	96.15 (P)

Log onto [VTAC](#) to find out more about these courses, as well as *Applied Health Assistance* courses offered at various TAFE institutions.

MATRICES 2020



OPTOMETRIST COURSES 2020



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, Chemistry, Physics An ATAR of 98+
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+

MATRICES 2020



PARALEGAL DEGREES 2020



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 degrees on offer in Victoria. The prerequisite VCE subject is usually an English.

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

COURSE	INSTITUTION	MAJOR STUDIES IN 2020	ATAR 2020
Criminology	DEAKIN	Crime, Crime prevention, Criminal justice, Criminology, Criminology research methods, Criminology theory, Media and crime, Organised crime, Policing, Psychology, Punishment, Risk, Security, 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, Criminology, Forensic investigation, Globalisation, Information security, International law, International studies, Judicial studies, Justice, Law (court processes), Law (criminal), Law (evidence), Legal studies, Management, Police administration, Police studies, Psychology, Youth justice.	77.25 (C)
Criminology & Psychology		Corrections, Crime prevention, Criminal justice administration, Criminology, Customs, Forensic investigation, Forensic psychology, Global justice, Information security, Justice, Law (court processes), Law (criminal), Law (evidence), Law enforcement, Legal studies, Police studies, Psychological testing and assessment, Psychology, Psychology (cognitive), Psychology (developmental), Psychology (personality), Psychology (social), Psychopathology, Youth justice.	81.00 (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)
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, Australian Indigenous 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, 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.	87.65 (P)
Criminal Justice	VICTORIA	Criminal justice.	n/a (F)
Criminology		Criminology.	n/a (CQ)
Legal Services		Australian legal systems, Law profession.	n/a (C)(F)

MATRICES 2020



PARK RANGER COURSES 2020



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 2020
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 Recreation 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](#)

MATRICES 2020



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 2020
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.	85.00 (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.	75.25 (B)
La Trobe University (AW) – Albury Wodonga (Be) – Bendigo (Mi) – Mildura (S) - Shepparton	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.	73.60 (Be) n/a (AW) n/a (S) n/a (Mi)
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 Maths: Mathematical Methods or at least 22 in Maths: Specialist Mathematics.	83.25 (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.	77.15 (St. A)

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

MATRICES 2020



PERFORMANCE DEGREES 2020



The range of courses listed below are performance-related degrees, in **acting, drama, theatre, dance and music performance**. 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 2020	SELECTION CRITERIA FOR 2020
ACU	Creative Arts: Drama, English/Literature, Media, Music, Visual arts.	Selection: ATAR 61.70 (M)
DEAKIN	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: ATAR 55.00, Folio, and Folio Presentation (M)
	Creative Arts (Drama): Acting techniques, Creative technologies and performance, Devising and collaborative theatre creation, Dramatic text analysis, Dramaturgy, Improvisation techniques, Performing arts, Rehearsal technique, Theatre studies.	Selection: ATAR 60.00 (M)
FEDERATION	Performing Arts: Acting, Dance, Voice.	Selection: Online Supplementary Form, and Audition (C)
LA TROBE	Creative Arts (Screen, Theatre & Writing): Screen, Theatre, Writing.	Selection: ATAR n/a (B) and 55.15 (M)
MONASH	Music: Composition and music technology, Ethnomusicology, Music, Musicology, Performance (Classical or Jazz), Popular music (Voice or Popular music instrument).	Selection: ATAR, Supplementary form, and Audition (CI)
RMIT	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 70.45 (M)
UNI MELBOURNE	Fine Arts (Acting): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: ATAR, Supplementary form, and Audition (VCA)
	Fine Arts (Dance): Body mind practices, Choreography, Dance technique: Contemporary dance and ballet, Performance.	Selection: ATAR, Supplementary form, and Audition (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 (VCA)
	Fine Arts (Theatre): Acting and performance making, Body and voice, Concepts and creativity, Performance practice.	Selection: ATAR, Supplementary form, and Audition (VCA)
	Music: Composition, Ethnomusicology, Interactive composition, Jazz & Improvisation, Music performance, Musicology.	Selection: ATAR, Supplementary form, and Audition (P)
VICTORIA	Music: Music.	Selection: Audition, and Interview (some) (FP)

MATRICES 2020



PHOTOGRAPHY COURSES 2020

Photography courses are offered at a number of institutions in Victoria.

Many of these courses are listed below.

Log onto [VTAC](http://www.vtac.edu.au) to find out more about these courses and many others.

UNIVERSITY	VCE PREREQUISITE SUBJECTS	SELECTION CRITERIA FOR 2020
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 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
LCI Melbourne	<u>Bachelor of Design Arts (Filmmaking & Photography)</u> (Year 12 pass)	Selection: Folio and 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: Pre-selection kit, Folio Presentation (some)
	<u>Certificate IV in Photography and Photo Imaging</u> (Year 12 pass)	Selection: Pre-selection kit, Folio Presentation (some)
Swinburne University	<u>Photography and Photo Imaging - Certificate IV/Diploma</u> (Year 12 Pass)	Selection: Pre-Training Review (PTR)

MATRICES 2020



PHARMACY & PHARMACEUTICAL SCIENCE COURSES 2020

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 2020
La Trobe University <small>B – Bendigo Campus</small>	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.	87.30 (B)
Monash University <small>P – Parkville Campus C – Clayton Campus</small>	Pharmacy (Hons) and Master of Pharmacy	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 Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	90.05 (P)
	Pharmacy (Hons) Scholars program/Master of Pharmacy	Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	98.00 (P)
	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 25 in Chemistry; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	84.05 (P)
	Pharmaceutical Science Advanced (Honours)	Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	90.95 (P)
	Pharmaceutical Science Advanced (Honours) - Scholars Program	Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	98.00 (P)
Chemical Engineering/ Pharmaceutical Science		93.75 (C)	
RMIT University <small>B – Bundoora campus C/B – City/Bundoora</small>	Pharmacy (Honours)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in any Mathematics; Units 3 and 4: a study score of at least 25 in Chemistry.	78.80 (B)
	Pharmaceutical Sciences	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of any Mathematics or Physics; Units 3 and 4: a study score of at least 20 in Chemistry.	70.30 (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.	83.50 (C/B)

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

Note: Monash University has been ranked third in the world for Pharmacy and Pharmacology behind Oxford University and Harvard University in the QS 2019 World University Rankings by Subject list - <https://www.topuniversities.com/university-rankings/university-subject-rankings/2019/pharmacy-pharmacology>.

MATRICES 2020



PROJECT MANAGEMENT COURSES 2020

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 a some of these courses include –

INSTITUTION	COURSE	VCE PREREQUISITES	ATAR 2020
Charles Sturt University	Management	No VCE prerequisites but an ATAR of 60+ is usually required	n/a (AW)
Deakin University	Business Analytics	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	70.80 (M)
	Construction Management		60.40 (WF)
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.	70.80 (Be) 67.95 (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.	55.15 (Be) 55.35 (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.	78.25 (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.	80.30 (C/B)
	Project Management	Units 3 and 4: a study score of at least 20 in 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.	75.00 (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.	83.00 (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.	65.50 (H)

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

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

MATRICES 2020



PSYCHOLOGY DEGREE COURSES 2020



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 are required to register as a psychologist in Australia.

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

UNIVERSITY	COURSE	ATAR 2020
ACU	Psychology (Honours)	85.50 (M)
	Psychological Science	58.50 (M)
Deakin University	Psychology (Honours)	80.15 (M), 80.55 (G)
	Psychological Science	60.00 (M), 60.65 (G), n/a (W)
	Arts (Psychology)	60.45 (M), 57.80 (G)
Federation University	Psychological Science	41.10 (Be), 41.05 (Gi), 53.70 (Ba)
La Trobe University	Psychology (Honours)	85.15 (M), 92.05 (B), n/a (AW)
	Psychological Science	55.00 (M), 57.50 (B), 57.90 (A)
Monash University	Psychological (Honours)	88.65 (C)
RMIT University	Psychology (Applied Science) *	60.05 (Ci), 63.30 (Bu)
	Psychology (Social Science)	80.95 (Ci)
*other prereq's	Criminology & Psychology	81.00 (Ci)
Swinburne University	Psychology (Honours)	83.25 (H)
	Psychological Sciences	60.40 (H)
Victoria University	Psychology (Honours)	82.60 (FP)
	Psychological Studies	n/a (FP)
	Criminal Justice & Psych. Studies	n/a (FP)

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](#)

MATRICES 2020



PUBLIC HEALTH COURSES 2020



[Wikipedia](#) states that *public health* is "the science and art of preventing disease, prolonging life and promoting human health through organized efforts and informed choices of society, organizations, public and private, communities and individuals".

It goes on to say that *public health* aims to improve the quality of life through prevention and treatment of disease, including mental health.

There are a few dedicated public health degrees offered by Victorian universities, and these are listed below. **For a comprehensive list of all courses offering studies (majors and minors) in public health, including the many double-degree options, visit [VTAC](#)**

INSTITUTION	COURSE NAME	VCE PREREQs	MAJOR STUDIES	ATAR 2020
ACU	Applied 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.	58.95 (M)
Deakin University M – Melbourne Campus G – Geelong Waurin Ponds	Public Health and Health Promotion	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Disability, Environmental health, Exercise science, Family, society and health, Food studies, Health and sustainability, Medical biotechnology, Nutrition, Physical activity and health, Psychology for professional development.	65.00 (M) 65.65 (G)
Monash University C – Caulfield 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; 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.	Epidemiology, Global Health, Health and Human Development, Health promotion, Health sciences, Public health, Public health science, Social science, Sociology.	88.90 (C)

MATRICES 2020



PUBLIC RELATIONS COURSES 2020



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 - some of these are listed below.

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 2020	ATAR 2020
DEAKIN M - Melbourne G – Geelong Waurin Ponds	Communication (Public Relations)	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Campaigns and event management, Ethical communication, Marketing communication, Media and communication, Media relations, Professional writing, Public affairs, Public relations, Public relations management, Social media, Strategic communication.	60.50 (M) 56.40 (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.	56.60 (M)
MONASH Ca – Caulfield	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.	Journalism, Media, Public relations, Screen.	80.40 (Ca)
RMIT C – City	Communication (Public Relations)	Units 3 and 4: a study score of at least 32 in any English.	Business practice, Communication management, Communication research, Leadership, Marketing communication, Professional practice, Public relations, Strategic planning, Writing.	80.05 (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.	76.65 (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.	80.15 (H) * 60.95 (H)

MATRICES 2020



SCIENCE DEGREES 2020



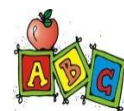
The Bachelor of Science is offered at the following Victorian universities and students are encouraged to visit [VTAC](http://www.vtac.edu.au) for more information on these and other science-related courses – particularly the **majors** on offer – as well as the numerous double degree options, and/or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

UNIVERSITY	VCE PREREQUISITES	ATAR 2020
CHARLES STURT AW – Albury Wodonga	No prerequisite subjects, but ATAR is used in the selection process	n/a (AW)
DEAKIN M – Melbourne campus G – Waurin Ponds campus	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	65.35 (M) 60.00 (G)
FEDERATION B - Berwick Gi – Gippsland campus Mt H – Mt Helen campus	Units 3 and 4: a study score of at least 20 in any Mathematics or at least 20 in any Science; Units 3 and 4: a study score of at least 20 in any English.	50.45 (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.	70.00 (M) 61.60 (B)
MONASH C – Clayton campus R.C. – Range of Criteria	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, Environmental Science, Geography, Maths: Mathematical Methods, Maths: Specialist Mathematics, Physics or Psychology.	85.00 (C)
	Science Global Science Advanced – Global Challenges: 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 Science Advanced – Research: 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.	95.00 (C)
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 20 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	70.10 (C)
	Science – Dean’s Scholar Program (various streams): 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)
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.	65.35 (H) 81.55 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 or Maths: Specialist Mathematics; and a study score of at least 25 in one of Biology, Chemistry or Physics. --OR-- Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in both of Maths: Mathematical Methods and Maths: Specialist Mathematics.	85.00 (P)
VICTORIA FP – Footscray Park campus	Science - Biotechnology, or Ecology and Environmental Management: Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in any Mathematics.	n/a (FP)

MATRICES 2020



TEACHING DEGREES – EARLY CHILDHOOD 2020



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, 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, campuses they are offered at, their exact prerequisites, their majors, and other double degrees they might be linked to, visit [VTAC](#).

INSTITUTION	COURSE	2020 REQ's
ACU	Early Childhood Education (Birth to Five Years)	ATAR – 60.10
	Education (Early Childhood and Primary)	ATAR – 70.20 CASPer or ACU Teacher Selector Statement
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – 65.00
DEAKIN	Education (Early Years) *	ATAR – 71.00 CASPer
FEDERATION	Education (Early Childhood and Primary)	ATAR – 70.15 (Ballarat) CASPer
LA TROBE	Early Childhood and Primary Education	ATAR – 73.90 CASPer
MELBOURNE POLYTECHNIC	Education (Early Years) *	ATAR – 70.00 Interview
MONASH	Education (Honours) (Early Years and Primary)	ATAR – 75.20 CASPer
RMIT	Education (Primary and Early Childhood Education)	ATAR – 70.40 CASPer
SWINBURNE	Education (Early Childhood and Primary) *	ATAR – 70.00 CASPer
VICTORIA UNIVERSITY	Early Childhood Education *	ATAR – n/a

MATRICES 2020



TEACHING DEGREES – PRIMARY 2020



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**, 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	2020 REQ's
ACU Both courses require the CASPer or ACU Teacher Selector Statement	Education (Early Childhood and Primary)	ATAR – 70.20 (M)
	Education (Primary)	ATAR – 70.05 (M)
CHARLES STURT	Education (Early Childhood and Primary) *	ATAR – 65.00
	Education (K-12) *	ATAR – 65.00
DEAKIN	Education (Primary) *	ATAR – 70.15 (M) CASPer
FEDERATION All these courses require the CASPer	Education (Early Childhood and Primary)	ATAR – 70.15 (Ballarat)
	Education (Primary)	ATAR – 73.90 (Ballarat)
	Education (Primary and Secondary P-10)	ATAR – 72.10 (Ballarat) ATAR 76.25 (Gippsland)
LA TROBE	Education (Primary)	ATAR – 70.90 (M) CASPer
	Arts/Master of Teaching (Primary) *	ATAR - n/a (M)
	Science/Masters of Teaching (Primary) *	ATAR - n/a (M)
MELBOURNE POLYTECHNIC	Education (Early Years) *	ATAR – 70.00 Interview
MONASH All these courses require the CASPer	Education (Honours) (Early Years and Primary) *	ATAR – 75.20
	Education (Honours) (Primary) *	ATAR – 74.45
	Education (Honours) (Primary and Secondary) *	ATAR – 75.80
	Education (Honours) (Primary and Secondary Health & PE) *	ATAR – 76.50
	Education (Honours) (Primary and Secondary Inclusive Ed) *	ATAR – 73.25
	Education (Honours) (Primary)/Arts *	ATAR – 87.50
	Education (Honours) (Primary)/Science *	ATAR – n/a
	Education (Honours) (Primary)/Visual Arts *	ATAR – n/a
Education (Honours) (Primary)/Music *	ATAR – 80.15 Supplementary Form Audition	
RMIT All these courses require the CASPer	Education (Primary Education)	ATAR – 70.60
	Education (Primary Education and Disability Inclusion)	ATAR – 72.25
	Education (Primary and Early Childhood Education)	ATAR – 70.40
	Education (Primary and Physical Education/Sport)	ATAR – 70.40
SWINBURNE Both courses require the CASPer	Early Childhood and Primary *	ATAR – 70.00
	Education (Primary) *	ATAR – 70.45
VIC UNI	Education (P - 12)	ATAR – 70.15 CASPer

MATRICES 2020



TEACHING DEGREES – SECONDARY 2020



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**, 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	2020 REQ's
ACU CASPer or ACU Teacher Selector Statement for each of these degrees	Teaching/Arts (Humanities)	ATAR – 71.10
	Teaching/Arts (Mathematics) *	ATAR – 76.40
	Teaching/Arts (Visual Arts) *	ATAR – 71.70
	Teaching/Exercise Science *	ATAR – 61.15
CHARLES STURT	Education (K-12) *	ATAR – 65.00
	Outdoor Education *	ATAR – n/a
DEAKIN	Health and Physical Education *	ATAR – 70.65 (M), 75.00 (G) CASPer
	Arts/Master of Teaching (Secondary) *	ATAR – 60.20 (M)
	Science/Master of Teaching (Secondary) *	ATAR – 67.75 (M)
FEDERATION All these courses require the CASPer	Health and Physical Education *	ATAR – 77.40 (Ballarart)
	Arts/Education *	ATAR – n/a
	Community and Human Services/Education *	ATAR – n/a
	Mathematical Sciences/Education *	ATAR – n/a
	Science/Education *	ATAR – n/a
LA TROBE	Education (Secondary)	ATAR – 71.00 (M) CASPer
	Arts/Master of Teaching (Secondary) *	62.25 (M)
	Science/Master of Teaching (Secondary) *	n/a (M)
MONASH All these courses require the CASPer	Education (Honours) (Primary and Secondary) *	ATAR – 75.80
	Education (Honours) (Primary and Secondary Health & PE) *	ATAR – 76.50
	Education (Honours) (Primary and Secondary Inclusive Ed) *	ATAR – 73.25
	Education (Honours) (Secondary Health & PE) *	ATAR – 79.70
	Education (Honours) (Secondary)/Arts *	ATAR – 87.05
	Education (Honours) (Secondary)/Science *	ATAR – 87.95
	Education (Honours) (Secondary)/Visual Arts *	ATAR – n/a
	Education (Honours) (Secondary)/Music *	ATAR – 80.15 Supplementary Form Audition
RMIT	Health, Physical Education and Sport (Secondary) *	ATAR – 72.15 CASPer
SWINBURNE All these courses require the CASPer	Education (Secondary) *	ATAR – n/a
	Education (Secondary)/Arts *	ATAR – 70.90
	Education (Secondary)/Science *	ATAR – 73.90
VIC UNI	Education (P - 12)	ATAR – 70.15
	Various Education (P-12) degrees linked to specialised areas	CASPer

MATRICES 2020



TRAVEL & TOURISM COURSES 2020



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](http://www.vtac.edu.au) for a comprehensive list.

UNIVERSITY	COURSE	MAJOR STUDIES IN 2020
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, 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	Change and Leadership, Destination Concepts, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to the Tourism Industry, Management, Niche Tourism, People and Place, Planning for Tourism, Risk and Legal Issues, Strategy, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Futures, Tourism Theories and Concepts, Visitor Services and Experiences.
	Bachelor of Tourism (Ecotourism)	Change and Leadership, Designing and Delivering Thematic Interpretation, Destination Concepts, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to the Tourism Industry, Management, People and Place, Risk and Legal Issues, Strategy, Taking Responsibility for Tourism and Hospitality, Tourism Attraction Management, Tourism Distribution Systems, Tourism Theories and Concepts, Understanding Natural Landscapes, Visitor Services and Experiences.
	Bachelor of Tourism (Marketing)	Change and Leadership, Destination Concepts, Digital and Social Media in Tourism, Economics and Global Impacts, Financial Concepts, Innovation and Entrepreneurship, Introduction to the Tourism Industry, Management, People and Place, Risk and Legal Issues, Strategy, 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 and Experiences.
	Bachelor of Tourism and Hospitality Management	Current Issues in Tourism and Hospitality, Financial Analysis and Decision Making, Food and Beverage Service Management, Human Resource Operation for the Services Industry, Innovation and Entrepreneurship, Menu Design and Engineering, Project Restaurant, Strategy, Change and Leadership, 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, Ecotourism, Guiding, International airfares, Natural and cultural heritage, Tour wholesaling, Tourism, Travel and Tourism management, Travel sales, Visitor information services.

MATRICES 2020



YOUTH WORK AND/OR SOCIAL WORK COURSES 2020



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](#)

Students can study Youth Work or Social Work degrees at the following institutions in Victoria:

INSTITUTION	VCE PREREQUISITE SUBJECTS	ATAR 2020
Australian Catholic University Youth Work	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	58.60
Deakin University Social Work	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	65.00 (G – WF)
La Trobe University Human Services/Social Work	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	59.30 (M) 60.55 (AW) 56.00 (Be)
RMIT University Youth Work Social Work	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	72.05
	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	72.05
Victoria University Youth Work Social Work	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
	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

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