



[Jobs and Skills WA](#) states that *telecommunications engineers design, test and build the various technologies that allow people to communicate over distances.*

- They may work in fields such as telephone and internet networks, radio and television broadcasting and satellite communications.
- They design telecommunication networks, deciding on the technology to be used and where cables or broadcasting equipment needs to be placed, and oversee installation.
- Telecommunication engineers may also be responsible for testing and repairing faults.

Telecommunications engineers usually work for the major telecommunications companies, or for large organisations with private communication networks, such as remote mine sites, for example, the Pilbara region. Telecommunications engineers often work in offices, where they can use computers to monitor networks and broadcasting equipment remotely. However, some travel may be required to visit sites throughout the state, particularly when installing new equipment or repairing faults.

There is strong future growth in this industry, and it is also a well-paid career.

To become a telecommunications engineer, students usually need to study a degree in engineering, majoring in electronics and communication engineering, or a related field. Students may also choose to complete postgraduate study to specialise in electronic and communication engineering.

**In Victoria, [RMIT](#) and [Swinburne](#) universities both offer courses relating to telecommunication engineering.**



**Secure your pathway into the Bachelor of Medical Science and Doctor of Medicine at Monash University.**

The Bachelor of Biomedical Science (Gippsland Partnership Program) is designed to enable Gippsland-origin students\* to qualify for the Monash University graduate entry medicine program and then, if selected, complete their medical training in the Gippsland region. Selected students will complete a Federation University Biomedical Science degree, comprising of 16 units of study with Federation University and 6 units with Monash University\*\*.

Students in the program who achieve a minimum Weighted Average Mark (WAM) of over 70 during their degree are eligible to apply for a place in Monash University's graduate entry [Bachelor of Medical Science and Doctor of Medicine](#). The first year of this program commences at Monash University's School of Rural Health in Churchill, Gippsland.

To be eligible for admission into the Monash University graduate entry medicine program, students must meet rural-origin requirements\* and achieve a WAM of over 70 in addition to a minimum score in a [Multiple Mini Interview \(MMI\) and Situational Judgement Test \(SJT\)](#).

\* Gippsland origin is defined as residency for at least 10 years cumulatively or any 5 years consecutively in a Gippsland region classified as ASGS-RA 2-5 (Australian Statistical Geography Standard – Remoteness Areas; includes all Gippsland shires and outer metro regions east of Pakenham).

\*\* Some travel to Clayton will be required for the units undertaken with Monash University.

Find out more at [Bachelor of Biomedical Science \(Gippsland Partnership Program\)](#).



[Bachelor of Health and Medical Science](#) at Charles Sturt University might be of interest.

Course highlights -

- **Tailor your study**

Students can build their medical science degree to suit their interests and future career. They can choose electives from areas as diverse as nutrition, clinical chemistry, pathophysiology, microbiology, bacteriology, human reproduction, epidemiology, and law and ethics.

- ***Options, options, options***

Students can enjoy the flexibility to transfer or apply for entry into undergraduate or graduate-level health and allied health programs.

- ***The perfect platform for further study***

This medical science course gives student's a broad foundation and is the ideal preparation before applying for postgraduate study or research programs where they can delve deeper into a subject that they are passionate about.

- ***Study that works for your lifestyle***

Students can match study to their work and other commitments – choose to learn full-time or part-time.

Entry to the course requires an ATAR of 65.00, and successful completion of Year 12 English.



### [Engineering \(Honours\) - Masters Accelerated](#)

[Pathway](#). This is an accelerated program for high-achieving students to be on track to earn both a Bachelor of Engineering (Honours) and an expert Master's degree in Engineering in just five years.

A weighted average mark of 65% must be attained by the end of level 3, to use two Bachelor of Engineering (Honours) electives in 4th year to take units from the chosen master's. A student will graduate with a Bachelor of Engineering (Honours) as a fully qualified engineer after 4 years, and will be able to cross credit the master's units towards their destination Master's course.

Successful completion of the Bachelor of Engineering (Honours) with a minimum 65% average will enable direct entry to the Master of Engineering with only one year (36 credit points) of study to complete.

The Masters Accelerated Pathway option is available for the following specialisations: *Aerospace, Chemical, Civil, Electrical and Computer Systems, Materials, Mechanical or Robotics and Mechatronics Engineering.*

Note: The Masters year is charged at full fees, not CSP. Also, Monash Engineering degrees are recognised by a number of [professional engineering bodies](#).

VCE Entry requirements are Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics; Units 3 and 4: a study score of at least 25 in one of Chemistry or Physics. The ATAR required for 2022 entry is 94.20.



The Good Careers Guide indicates that:

- [landscape gardeners](#) *design and construct garden landscapes or renovate existing gardens. They use a wide range of gardening skills to create a landscape that is aesthetically pleasing as well as functional. Landscape gardeners work at a variety of sites, including public and private parks and gardens, indoor facilities and newly developed housing estates as well as industrial complexes. They may also construct fences, trellises, pergolas, ponds, ferneries, barbecue areas, play structures and garden furniture.*
- [horticultural tradespersons](#) *maintain plants and planted areas, construct horticultural features and apply treatments to enhance plant growth and control pests.*
- [horticultural assistants](#) *undertake a range of tasks involving the cultivation, growing, harvesting and maintenance of trees, plants and gardens.*

These jobs require a person to have a love of the outdoors and to be content to work in all sorts of weather conditions. Equally, the roles involve practical and mechanical activities.

There are a number of courses in horticulture and landscape design on offer in Victoria.

Some of these include –

INSTITUTION	COURSE	MAJOR STUDIES IN 2022
TAFE Gippsland	<a href="#">Certificate IV in Horticulture</a>	Horticulturist
Federation University	<a href="#">Diploma of Horticulture</a>	Horticulture
Holmesglen Institute	<a href="#">Diploma of Horticulture</a>	Arboriculture, Communication, Design (ecologically sustainable), Floriculture, Garden design, Horticulture, Horticulture (nursery), Horticulture (plant nutrition), Horticulture (turf), Irrigation and water management, Landscape design and planning, Landscape horticulture, Occupational health and safety, Parks and gardens, Plant sciences, Soil science.
	<a href="#">Diploma of Landscape Design</a>	Computer aided drawing, Design (ecologically sustainable), Garden design, Horticulture (plant studies), Landscape design and planning, Landscape horticulture, Professional practice, Quotes and tenders, Soil science.
Melbourne Polytechnic	<a href="#">Diploma of Horticulture</a>	Grounds maintenance, Landscape design, Plant knowledge.
Swinburne University	<a href="#">Diploma of Horticulture</a>	Ecologically sustainable design, Horticulture (nursery), Horticulture (plant nutrition), Integrated pest and disease management, Irrigation and water management, Landscape horticulture, Parks and gardens, Soil science.
	<a href="#">Diploma of Landscape Design</a>	Computer-aided drawing, Assess landscape sites, Landscape feature design, Landscape project design, Permaculture principles and practices, Sustainable landscape design.



INSTITUTION	COURSE NAME	VCE PREREQS	MAJOR STUDIES IN 2022	ATAR 2022
<b>ACU</b> 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.	<b>58.90 (M)</b>
<b>LA TROBE</b> M - Melbourne	Finance	Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	Agribusiness, Digital business, Economics, Enterprise, Event management, Finance, Human resource management, International business, Management, Marketing, Sport management, Tourism and hospitality.	<b>57.70 (M)</b>
<b>MONASH</b> Ca – Caulfield Cl - Clayton	Banking and Finance	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 22 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics or at least 25 in Maths: Further Mathematics.	Banking and Finance.	<b>79.10 (Ca)</b>
	Finance	Units 3 and 4: a study score of at least 27 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in one of Maths: Mathematical Methods or Maths: Specialist Mathematics.	Finance.	<b>86.15 (Cl)</b>
<b>RMIT</b> 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.	<b>63.30 (C)</b>
	Financial Planning	Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	Business, Business Computing, Business Finance, Financial Advice, Financial Markets, Financial Planning, Investment, Management, Professional Ethics, Risk Management, Superannuation, Wealth Management.	<b>65.45 (C)</b>
<b>VICTORIA</b> CF – City Flinders	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, 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.	<b>n/a (CF)</b>
	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, 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.	<b>n/a (CF)</b>

- Charles Sturt University has three Faculties which comprise of several Schools and centres for specific areas of study and research –  
[Faculty of Arts and Education](#)  
[Faculty of Business, Justice and Behavioural Sciences](#)  
[Faculty of Science and Health](#)
- CSU has campuses in a number of [locations](#) and also has various campuses that offer specialist courses, such as *theology, education, Terrorism & Security Studies, and policing*. These include [Canberra](#), [Goulburn](#), [Manly](#), and [Parramatta](#)
- CSU also has four [Study Centres](#) in Brisbane, Melbourne, Sydney, and Wangaratta
- CSU offers a range of [accommodation](#) options to students across six campuses
- CSU offers a broad range of [courses](#) including postgraduate studies
- Commencing in 2021, Charles Sturt University and Western Sydney University partnered to create a new [Joint Program in Medicine](#). It is a five-year undergraduate entry Doctor of Medicine based in Orange, New South Wales
- Some other courses that may be of particular interest include –
  - ✓ [Bachelor of Communication \(with Specialisations in Media, Journalism, etc.\)](#)
  - ✓ [Bachelor of Dental Science](#)
  - ✓ [Bachelor of Pharmacy](#)
  - ✓ [Bachelor of Physiotherapy](#)
  - ✓ [Bachelor of Veterinary Biology / Bachelor of Veterinary Science](#)
  - ✓ [Master of Terrorism and Security Studies](#)

