INTERNATIONAL

ENGINEERING & IT

AUSTRALIA

SYDNEY

MILDURA

SHEPPARTON

BENDIGO

ALBURY WODONGA

Melbourne BUNDOORA

MELBOURNE City

VICTORIA

ACKNOWLEDGEMENT OF COUNTRY

La Trobe University acknowledges that our campuses are located on the lands of many Traditional Custodians in Victoria and New South Wales. We recognise their ongoing connection to the land and value their unique contribution to the University and wider Australian society. La Trobe University is committed to providing opportunities for Aboriginal and Torres Strait Islander people, both as individuals and communities, through teaching, learning, research and partnerships across all our campuses.

WHY CHOOSE LA TROBE?

AT LA TROBE, WE BELIEVE IN MAKING AN IMPACT THROUGH PRACTICAL AND REAL-WORLD LEARNING ACROSS OUR SEVEN CAMPUSES IN MELBOURNE, REGIONAL VICTORIA AND SYDNEY.

We offer courses across all levels of study, with flexible pathway and package offers to ensure there's always a way into your dream course.

We believe in preparing our students for a lifelong career. Work-integrated learning and industry placements are built into many of our courses, so students gain practical skills and experience inside and outside of the classroom. Our regional campuses offer strong industry connections, a relaxed lifestyle and access to a range of scholarships and additional opportunities.

Studying abroad can be an overwhelming experience, especially for students living independently for the first time. We take safety seriously for all our international students studying and living with us, with a range of on-campus services and dedicated security.

#1 IN AUSTRALIA FOR MOST SATISFIED STUDENTS

We're rated #1 in Australia for most-satisfied students, with five stars for teaching staff, student support, learning resources, opportunities and career prospects, and campus amenities.[1]

TOP 1% OF UNIVERSITIES WORLDWIDE

We're in the top 1% of universities and ranked in the global top 250 universities.[2]

5 STAR RATING

We've received five-star ratings for teaching, employability, internationalisation, research and inclusiveness.[3]

RANKED #1 IN VICTORIA BY EMPLOYERS

Our graduates were ranked 1st in Victoria for overall employer satisfaction.[4]

#4 IN AUSTRALIA FOR DECENT WORK AND ECONOMIC GROWTH

We're ranked 4th in Australia and 18th in the world for our efforts to promote economic growth and full, productive and decent work for all.[5]

TOP RATED RESEARCH

We're top-rated nationally and rated 'well above world standard' in 23 fields of research.[6]

1. Canstar Blue, 2023, *Best-Rated Universities in Australia (2023)*
2. Times Higher Education (THE), 2023, *World University Rankings 2024*; Consejo Superior de Investigaciones Científicas (CSIC), 2024, *Ranking Web of Universities*; Quacquarelli Symonds (QS), *2024, QS World University Rankings 2025*
3. Quacquarelli Symonds (QS), 2023,*QS Stars University Ratings*
4. Quality Indicators for Learning and Teaching (QILT), 2024, *2023 Employer Satisfaction Survey*
5. Times Higher Education (THE), 2024, *Impact Rankings 2024: decent work and economic growth*
6. Australian Research Council, 2019, *Excellence in Research for Australia (ERA) Outcomes 2018*

INDUSTRY LEARNING

WE WORK CLOSELY WITH INDUSTRY TO GIVE STUDENTS THE REAL-WORLD EXPERIENCE TO SUCCEED IN THE WORKPLACE, WITH OPPORTUNITIES LIKE INDUSTRY PLACEMENTS, INDUSTRY ELECTIVES, HANDS-ON LEARNING, DEDICATED CAREER SUPPORT AND MORE.

LEARNING WITH INDUSTRY

We know nothing beats real–world, practical experience. Unlike other unis with a more theoretical approach, we want you to learn the useful stuff employers are looking for.

That's why we've got you covered with work–integrated learning and industry placement options embedded across many of our degrees, giving you the flexibility to get hands–on experience while balancing study, work and life commitments.

GO FURTHER WITH YOUR CAREER

Employers are always on the lookout for the right mix of skill, knowledge and experience. At La Trobe, there's a few ways to build your resume and expand your professional network with access to dedicated career services and employability programs.

These include:

– industry mentoring and networking
– specialist career consultations
– career workshops and events
– leadership programs
– overseas internships and placements
– Career Ready Advantage Award – Industry Venture Challenge
– Successful Graduate program.

You'll also have access to our Career Ready OnLine and CareerHub portal, where you can explore 100+ e–learning programs and resources, get feedback on your resume and cover letter, practice your interview skills, explore job opportunities, and more.

WORK-BASED LEARNING

During some courses, you will have the opportunity to participate in a work–based learning (WBL) placement, designed to allow you to extend your formal learning beyond the classroom. WBL provides the opportunity to take your learning into a workplace and test your knowledge in a professional, real–world environment.

Some courses include compulsory WBL subjects, but we also offer a range of elective WBL subjects, both cross–discipline and subject-specific. We'll source placements for some subjects on your behalf, while others require you to source your own. If you're required to source your own, our staff will support you through the process. Students undertaking placements regionally are also eligible to access additional support under the Regional Reward program.

Our partners inlcude:

ACCREDITATIONS

All of La Trobe University's engineering degrees are designed to be accredited by Engineers Australia and provide the opportunity to apply for a number of work placements in a range of fields.

The Australian Computer Society (ACS) has accredited a broad range of computer sciences and information technology courses offered by the School of Computer, Engineering and Mathematical Sciences.

GET REAL WITH INDUSTRY

COMPULSORY PLACEMENT SUBJECTS

Depending on your course, you may be required to undertake compulsory professional placements as part of your studies. You'll undertake clinical or professional education in the form of placements, work–integrated learning, fieldwork and other clinical and professional experience. These subjects are compulsory and required in order to gain professional registration.

ELECTIVE INDUSTRY PLACEMENTS

We have a range of elective opportunities to gain work–relevant experience for academic credit with our network of industry and community partners.

Elective industry placement subjects

La Trobe offers a range of university–wide elective placement subjects, allowing eligible students with elective availability to complete 100–400 hours of supervised, academically–supported placements.

These subjects are perfect for students who don't have a compulsory placement subject in their course or those wanting to complete an additional placement beyond their course–specific placement subjects.

Interested? Head over to the Industry Placement Elective subjects page for more details:

GET REAL WITH INDUSTRY

IF YOU'RE LOOKING FOR AN IN-DEMAND CAREER THAT SHAPES THE PHYSICAL OR DIGITAL WORLD AROUND US, THEN ENGINEERING OR INFORMATION TECHNOLOGY SHOULD BE YOUR TOP OPTIONS.

At La Trobe, we're connected to some of the biggest organisations across Melbourne and regional Victoria to ensure our students have access to a range of placements and industry networks – so you can get ahead before you graduate.
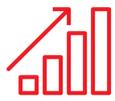
TOP 20

Engineering and information technology occupations made up 5 out of the 20 in-demand roles in Australia.[1]

#2

Software and application programmers are the second-most in-demand profession in Victoria.[1]

$2,264

Civil engineering professionals earn a median full-time weekly wage of $2,264, higher than Australia's median for all occupations at $1,697.[2]

CAREER READY ADVANTAGE

Career ready advantage award

Our sector-leading employability program that encourages students to develop the skills and experiences highly valued by employers.

Students can achieve up to three awards, based on completion of a minimum number of activities.

Career ready industry experience

A 2-3 week industry experience where students choose a project in their area of itnerest and work virtually in teams to solve a real-world industry challenge for a client.

The projects are designed to suit students in any degree, are available at any stage of a course and don't count towards total course credit points.

> **WE HAVE A CYBERSECURITY LAB WITH TOOLS YOU'D USUALLY PAY THOUSANDS OF DOLLARS TO ACCESS. WE'RE TAUGHT BY INDUSTRY PEOPLE AS WELL AS ACADEMICS – ONE OF MY PROFESSORS IS CURRENTLY AT MICROSOFT – AND YOU HEAR ABOUT OPPORTUNITIES YOU WOULDN'T OTHERWISE. THERE ARE LOTS OF OPPORTUNITIES BECAUSE THERE'S A HUGE DEMAND FOR PEOPLE WITH THESE KINDS OF SKILLS.**

MAHA
Cybersecurity (Computer Science)

1. Australian Government, 2023, *Labour Market Update: Feb 2023*
2. Australian Government, 2024, *Labour Market Insights: Occupations: Civil Engineering Professionals*

ENGINEERING

Shape the world – from machines to buildings to cities – with an engineering degree from La Trobe. Drive change, adapt to emerging fields, build strong foundations in traditional industries and discover the human skills that set you apart.

You'll gain sought-after skills and make connections that will set you up for success. All of La Trobe's engineering courses include a work-integrated learning (WIL) program, open to high-achieving students who meet the program's requirements. By participating, you'll have the chance to develop skills through practical work placements at renowned companies.

EXPAND YOUR ENGINEERING CAREER IN REGIONAL VICTORIA

Our work integrated learning program is sector–leading and embedded in our engineering degrees. Students undertake a six–month placement with a company, learning on the job while simultaneously completing a capstone project. At La Trobe, most of our industry–based research and placements are with organisations in regional Victoria, giving us the largest regional footprint of any Victorian engineering department, so students can get the most out of their regional placement and career opportunities during their studies and when they graduate.

HARRISON
Bachelor of Civil Engineering (Honours)

ANY ENGINEER CAN DESIGN AND DRAFT UP PLANS, BUT NOT EVERY ENGINEER CAN CONNECT WITH PEOPLE AND LEAD. LA TROBE'S PLACEMENTS MEAN YOU CAN BUILD THOSE HUMAN SKILLS THAT REALLY DO SET YOU APART IN THE WORKFORCE.

OUR RESEARCH IN CIVIL ENGINEERING IS TOP-RATED NATIONALLY AND RATED 'WELL ABOVE WORLD STANDARD'[1]

EMPLOYERS RATED US FOURTH IN AUSTRALIA FOR TECHNICAL SKILLS[2]

DEVELOP YOUR SKILLS WITH PRACTICAL WORK PLACEMENTS AT MAJOR COMPANIES LIKE TELSTRA, BMW AND BORAL

MASTER OF ENGINEERING

Prepare for the rich opportunities of the future workforce with La Trobe's accredited Master of Engineering.

Developed in consultation with industry leaders, our Master's gives you advanced skills for a successful career, including design, engineering management, research and innovation. You'll learn how to adapt to the emerging technologies that are changing the engineering landscape like artificial intelligence and robotics. You'll also have the opportunity to experience engineering practice first-hand and build valuable industry connections with the option of an 800-hour work-integrated learning (WIL) program.

By completing La Trobe's Master of Engineering, you will:

– explore engineering challenges through research, ideation and sustainable product design
– understand the latest concepts in data and software to model, analyse and implement effective engineering systems
– build engineering management skills across business strategy, legal, marketing, management and finance to lead projects, motivate teams and drive success
– develop socially conscious decision-making processes by examining sustainable workplace practices in the Australian engineering industry
– choose from two specialisations in electronics or telecommunications and networking
– graduate ready to apply for membership of Engineers Australia.

PROFESSIONAL RECOGNITION

The Master of Engineering offered on the Melbourne (Bundoora) Campus is accredited by Engineers Australia. Graduates of the Master of Engineering may apply for membership with Engineers Australia. Membership may be subject to additional or ongoing requirements beyond completion of the degree. Please contact the relevant professional body for details.

SPECIALISATIONS

A specialisation is a sequence of related subjects studied in your course, enabling you to pursue your area of interest and graduate with your specialisation on your academic transcript – so future employers can recognise your expertise.

Select one specialisation from:

– Electronics
– Telecommunications and networking.

ENTRY REQUIREMENTS

Prerequisites
240 credit point pathway
Successful completion of a non-accredited 4-year Bachelor's degree in electronic/electrical engineering or related discipline.

OR

Successful completion of a Sydney Accord-accredited 3-year Bachelor of Technology in electronic/electrical engineering or related discipline.

OR

Applicants with non-cognate engineering qualifications who also have practical industry experience in civil engineering or related field will be evaluated on a case-by-case basis by the Department of Engineering.

AND

Applicants may be required to attend an interview.

120 credit point pathway

Successful completion of an Australian or a Washington Accord-accredited 4-year Bachelor's or Bachelor (Honours) degree in electronic/electrical engineering.

OR

Applicants with non-cognate Washington accord engineering qualifications who also have practical industry experience in civil engineering or related field will be evaluated on a case-by-case basis by the Department of Engineering.

AND

Applicants may be required to attend an interview.

Eligibility to be assessed on a case-by-case basis by the Department of Engineering.

English language requirement
– 6.5 IELTS (Academic) with no individual band less than 6.0.

CAREER OPPORTUNITIES

Depending on your specialisation, you'll graduate ready to pursue a career in a range of different industries and sectors including media and communications, scientific and technical services, defence, medical technologies and public administration and safety.

Possible roles include:

– development engineer
– electronics engineer
– network or systems engineer
– robotics engineer
– telecommunications engineer
– transport engineer.

SAMPLE COURSE STRUCTURE

Year 1
Completion of 120 credit points, including:

– 75 credit points from chosen core
– 15 credit points from chosen core choice
– 30 credit points from chosen specialisation.

Year 2
Completion of 120 credit points, including:

– 15 credit points from chosen core
– 15 credit points from chosen core choice
– 60 credit points from chosen core choice
– 30 credit points from chosen specialisation.

MASTER OF CONSTRUCTION & ENGINEERING MANAGEMENT

Get the advanced skills and knowledge you need to take advantage of unprecedented growth in Australia's construction sector with La Trobe's Master of Construction and Engineering Management.

In this globally-recognised degree, you'll be equipped to manage complex projects while addressing social, environmental, occupational health and safety issues.

By completing La Trobe's Master of Construction and Engineering Management, you will:

– utilise modern digital tools like building information modelling (BIM), digital twins and extended reality technologies to enhance the efficiency of design, visualisation, collaboration, cost control, scheduling and project management
– employ the latest construction technologies for building and infrastructure projects
– build technical skills in project planning and execution, modern procurement methods, cost estimating and control, and risk management
– master business concepts such as business models, competitive strategies, management, marketing, leadership, entrepreneurship and financial analysis
– experience engineering practice first-hand and build valuable industry connections via competitive entry into an 800-hour industry-based learning placement, or participate in advanced engineering research-based studies.

CORE CHOICE

Core choice subjects are one or more subject groups you need to select in your course. Core choice subjects may be specific to your course, major, minor, specialisation or other learning requirements.

Students to select one learning pathway from the list below:

– Advanced research
– Work-integrated learning.

ENTRY REQUIREMENTS

Prerequisites

120 credit point pathway
The successful completion of an Australian or a Washington Accord-accredited 4-year Bachelor's or Bachelor (Honours) degree in construction engineering.

OR

Applicants with a qualification in Australian or Washington Accord-accredited civil or architectural engineering disciplines combined with a minimum of 12 months experience in construction practice will also be considered. Applicants will be required to provide documentary evidence of work experience.

AND

Applicants may be required to attend an interview. Details will be provided by telephone or mail to applicants required to attend.

240 credit point pathway
Successful completion of a non-accredited 4-year Bachelor's degree in engineering or a Sydney Accord-accredited 3-year Bachelor of Technology in Engineering.

AND

Applicants may be required to attend an interview. Details will be provided by telephone or email to applicants required to attend.

180 credit point pathway
Successful completion of an Australian or a Washington Accord-accredited 4-year Bachelor's or Bachelor (Honours) degree in civil or architectural engineering.

OR

Applicants with a qualification in other related Australian or Washington Accord-accredited engineering. disciplines combined with a minimum of 12 months of experience in construction practice will also be considered. Applicants will be required to provide documentary evidence of work experience.

AND

Applicants may be required to attend an interview. Details will be provided by telephone or mail to applicants required to attend.

Eligibility to be assessed on a case-by-case basis by the Department of Engineering.

English language requirement
– 6.5 IELTS (Academic) with no individual band less than 6.0.

CAREER OPPORTUNITIES

With unprecedented growth in the construction sector, there's never been a better time to advance your career in construction and engineering management. Possible roles include:

– construction engineer, estimator or manager
– engineering analyst
– engineering project manager
– project engineer
– quantity surveyor.

SAMPLE COURSE STRUCTURE

Year 1
Completion of 120 credit points, including:

– 120 credit points from chosen core.

Year 2
Completion of 120 credit points, including:

– 60 credit points from chosen core
– 60 credit points from chosen core choice
– 30 credit points from chosen electives.

MASTER OF CIVIL ENGINEERING

Get the skills and knowledge to meet the challenges of disruptive technologies that are reshaping industries and the engineering profession globally.

Designed and delivered in consultation with industry leaders, our Master's builds the capabilities and specialist expertise to meet society and industry demands to develop infrastructure faster, better and more sustainably. You'll learn to analyse real–world problems and design modern infrastructure, developing valuable skills transferable across industries. You'll also have the opportunity to experience engineering practice first hand and build valuable industry connections with the option of an 800–hour work–integrated learning (WIL) program.

By completing La Trobe's Master of Civil Engineering, you will:

– gain an understanding of Australian engineering industry sustainability practices
– learn the mechanics of the quality and nature of materials to guide appropriate selection
– discover how to use soil improvement techniques to make infrastructure stronger and more reliable
– develop capabilities in structural dynamics to ensure structures are safe and long–lasting
– discover how water and waste technology can be used as sustainable engineering solutions
– graduate ready to apply for membership of Engineers Australia.

PROFESSIONAL RECOGNITION

The Master of Civil Engineering is accredited by Engineers Australia. Professional membership may require an application to the professional body and may have additional or ongoing requirements beyond the completion of the degree. Please contact the relevant professional body for details.

CORE CHOICE

Core choice subjects are one or more subject groups you need to select in your course. Core choice subjects may be specific to your course, major, minor, specialisation or other learning requirements.

Students to select one learning pathway from the list below:

– Advanced research
– Work–integrated learning.

ENTRY REQUIREMENTS

Prerequisites
240 credit point pathway
Successful completion of a non–accredited 4–year Bachelor's degree in civil engineering or related discipline.

OR

Successful completion of a Sydney Accord–accredited 3–year Bachelor of Technology in civil engineering or related discipline.

OR

Applicants with non–cognate engineering qualifications who also have practical industry experience in civil engineering will be evaluated on a case–by–case basis by the Department of Engineering.

AND

Applicants may be required to attend an interview.

120 credit point pathway
Successful completion of an Australian or a Washington Accord–accredited 4–year Bachelor's or Bachelor (Honours) degree in civil engineering.

OR

Applicants with non–cognate Washington Accord engineering qualifications who also have practical industry experience in civil engineering or related fields will be evaluated on a case–by–case basis by the Department of Engineering.

AND

Applicants may be required to attend an interview.

Eligibility to be assessed on a case–by–case basis by the Department of Engineering.

English language requirement
– 6.5 IELTS (Academic) with no individual band less than 6.0.

CAREER OPPORTUNITIES

Graduate with the skills to succeed as a world–class engineer, preparing you for work in both the public and private sectors in sectors such as construction, planning, transport, environment, sanitation, energy and communications. Possible roles for qualified civil engineers include:

– building surveyor or estimator
– construction engineer
– consulting or contracting civil engineer
– site engineer
– structural engineer.

SAMPLE COURSE STRUCTURE

Year 1
Completion of 120 credit points, including:

– 120 credit points from chosen core.

Year 2
Completion of 120 credit points, including:

– 60 credit points from chosen core
– 60 credit points from chosen core choice.

ENGINEERING COURSES

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Civil Engineering (Honours)	078469G	Bendigo, Melbourne	Sem 1, Sem 2	4 years	40 600
Bachelor of Engineering Honours (Industrial)	095713C	Bendigo, Melbourne	Sem 1, Sem 2	4 years	40 600

POSTGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Master of Civil Engineering	113899A	Bendigo, Melbourne	Sem 1, Winter	2 years	43 000
Master of Construction and Engineering Management	0101683	Melbourne	Sem 1	2 years	43 000
Master of Engineering Specialisations: Electronics | Telecommunications and networking	104735G	Melbourne	Sem 1, Sem 2	2 years	43 000
Master of Engineering Management	080775A	Melbourne	Sem 1, Sem 2	2 years	43 000
Master of Manufacturing Engineering	113898B	Bendigo, Melbourne	Sem 1, Winter	2 years	43 000

1. Course start dates are based on 2024 and subject to change. See the La Trobe website for details.
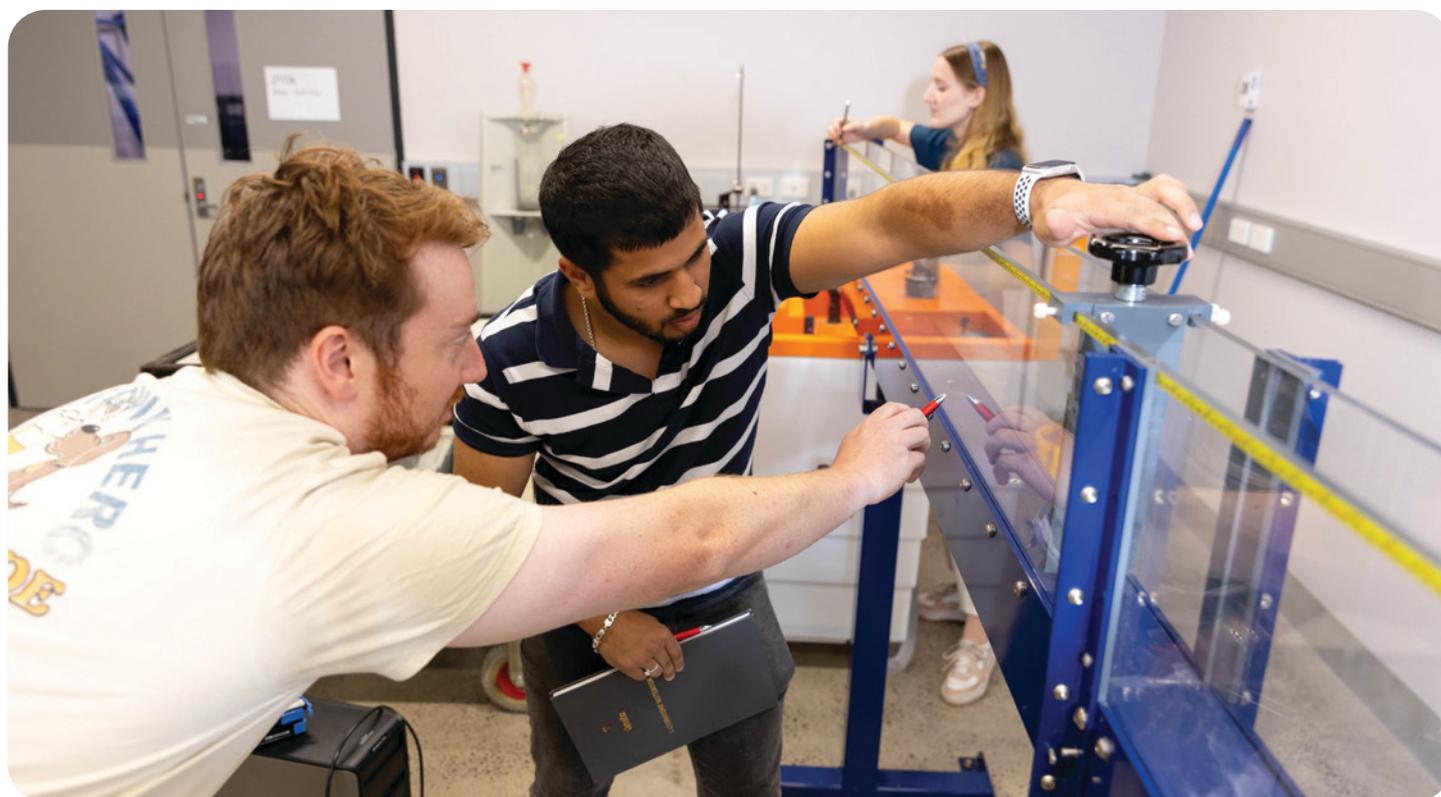
Please note:
Some courses have additional costs and details such as intake dates may vary between campuses or change throughout the year. Other courses and majors may require you to transfer to another campus at some stage during your course. The most complete and up-to-date course information can be found on the La Trobe website, so make sure you confirm all course details before submitting your application.

INFORMATION TECHNOLOGY

When you study IT at La Trobe, you'll develop the skills you need to meet the demand for IT professionals, with study options including artificial intelligence, cloud analytics, data science, cybersecurity, information systems, network engineering, software engineering and more. Through our network of industry partners, you'll gain real-world experience with organisations like CISCO, Oracle, Optus, Telstra, BMW, Boral and Pivot Maritime International.

Get 24/7 access to high-tech labs, including our CISCO labs with 120 switches, 120 routers, 30 adaptive security appliances and 30 wireless LAN controllers. Our Internet of Things lab is equipped with the latest devices, communications networks, radio equipment and offers access to cloud-based technologies like Amazon Web Services.

1. Australian Research Council, 2019, *Excellence in Research for Australia (ERA) Outcomes 2018*
2. Quality Indicators for Learning and Teaching (QILT), 2024, *Computing & Information Systems (Undergraduate)*

CISCO-LA TROBE CENTRE FOR ARTIFICIAL INTELLIGENCE AND INTERNET OF THINGS

At La Trobe, we are committed to impactful research that aims to harness the superpowers of innovation brought by combining two powerful technologies — artificial intelligence (AI) and the internet of things. Our partnership with Cisco brings together researchers and industry to facilitate collaboration and create opportunities to solve real–world problems through technology innovation.

WE'RE RANKED 'ABOVE WORLD STANDARD' FOR OUR RESEARCH IN ARTIFICIAL INTELLIGENCE AND IMAGE PROCESSING[1]

OUR INFORMATION TECHNOLOGY DEGREES ARE ACCREDITED BY THE AUSTRALIAN COMPUTER SOCIETY (ACS)

GAIN REAL-WORLD EXPERIENCE WITH INDUSTRY LEADERS SUCH AS MICROSOFT, CISCO, ORACLE, OPTUS, AND PIVOT MARITIME INTERNATIONAL[2]

ISABELLA
Bachelor of Computer Science
(Artificial Intelligence)

MY MAJOR IN ARTIFICIAL INTELLIGENCE ALLOWS ME TO DISCUSS AI ETHICS AND CONCEPTS AND LOOK AT HOW ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IS USED IN TECHNOLOGY. THE COMPUTER SCIENCE PORTION OF MY DEGREE ALLOWS ME TO TOUCH ON NETWORKS, IT SYSTEMS, THE MATH BEHIND IT, AS WELL AS A BUNCH OF DIFFERENT PROGRAMMING LANGUAGES.

MASTER OF INFORMATION TECHNOLOGY

Build on your technical expertise and gain an industry-standard IT skill set.

Your degree is designed to ensure the skills you build are well-suited to future industry needs, with specialisations in booming areas including software engineering, cloud analytics, digital media, networking, artificial intelligence, digital health or cybersecurity.

From day one, hands-on experience is top priority. Our state-of-the-art on-campus CISCO labs offer a wide range of networking capabilities – and they're available to you 24/7. We're also home to the Centre for Technology Infusion and the La Trobe Cyber Security Research Hub.

Your teachers are IT professionals who'll share industry insights and make sure you graduate ready to work. You'll undertake an industry development project or work-based placement to cement your learning. Alternatively, if you have a research career in your sights, you can pursue an applied research project or an industry-based thesis.

Supplement your skills with free certifications through our partnership with Microsoft. Administered via on-campus exams, these certifications give you practical skills you can apply in a wide range of industries and workplaces.

You'll learn:

- **Database, networks and programming**
  Gain essential skills in programming, mobile app development, logic and data structures, and computer architecture.

- **Software engineering and intelligent systems**
  Develop your software engineering skills and learn full stack web development, including front end and software development.

- **Internet computing**
  Learn cloud computing, programming languages and system design.

- **IT-related logical thinking**
  Improve your Java knowledge and skills for programming, algorithms and data structures that work.

SPECIALISATIONS

A specialisation is a sequence of related subjects studied in your course, enabling you to pursue your area of interest and graduate with your specialisation on your academic transcript – so future employers can recognise your expertise

Select one specialisation from:

- artificial intelligence
- cloud analytics
- cybersecurity
- internet of things
- networking
- quantum computing
- software engineering.

ENTRY REQUIREMENTS

Prerequisites
- Successful completion of an Australian Bachelor's degree (or equivalent).
- Prior learning developed through relevant work experience or professional accreditation, where it is deemed to be at least equivalent to that obtained through a Bachelor's degree, may be considered.
- In making an offer to an applicant, the University will give consideration to a range of factors, including academic record, English proficiency and/or employment experience.

English language requirement
- 6.5 IELTS (Academic) with no individual band less than 6.0.

CAREER OPPORTUNITIES

The Master of Information Technology provides the skills you need for a successful career in IT. Possible roles include:

- **Senior programmer**
  Use your extensive knowledge of programming languages to engineer solutions in artificial intelligence, cloud computing, smart systems, software programs and more.

- **Network engineer**
  Design, organise, configure and troubleshoot networks. Design and maintain equipment for voice and data.

- **Full stack developer**
  Administer the front end, back end and server side of websites and IT systems.

- **IT administrator**
  Design, maintain and manage IT systems within a wide range of organisations and businesses.

- **ICT security specialist**
  Use your broad technical knowledge in cybersecurity to maintain, improve and uphold cybersecurity IT systems for your organisation.

SAMPLE COURSE STRUCTURE

Year 1
Completion of 120 credit points, including:

- 90 credit points from chosen core
- 15 credit points from chosen core choice
- 15 credit points from chosen electives.

Year 2
Completion of 120 credit points, including:

- 30 credit points from chosen core
- 30 credit points from chosen core choice
- 60 credit points from chosen specialisation.

MASTER OF CYBERSECURITY

Build fundamental skills in system design, implementation, testing and documentation. Develop technical expertise in pen testing, blockchain and cyber forensics, and get hands-on experience applying your knowledge in our state-of-the-art Internet of Things (IoT) and wireless labs. You'll also get to hone your networking skills in our CISCO networking and security labs.

Cybersecurity is about so much more than just technology. This degree explores the psychology of hacking and cybercrime, the legal and ethical frameworks you'll be working within, and approaches to governance and risk management.

Industry-based learning opportunities are embedded throughout this degree. You'll work on a real industry project alongside our industry partners, undertake a professional placement, or if you're working towards a research career, complete a thesis on emerging topics in cybersecurity.

CAREER OPPORTUNITIES

After graduation, you could work across a wide range of sectors in roles such as:

- security architect
- cyber intelligence analyst
- compliance assurance manager
- cybersecurity consultant
- cybersecurity policy adviser
- cyber risk manager.

ENTRY REQUIREMENTS

Subject prerequisites

- Successful completion of an Australian Bachelor's degree (or equivalent).
- Prior learning developed through relevant work experience or professional accreditation, where it is deemed to be at least equivalent to that obtained through a Bachelor's degree, may be considered.
- In making an offer to an applicant, the University will give consideration to a range of factors, including academic record, English proficiency and/or employment experience.

English language requirement

- 6.5 IELTS (Academic) with no individual band less than 6.0.

BACHELOR OF INFORMATION TECHNOLOGY

Build our digital future with skills across programming, networking, databases, systems analysis and design, and project management.

Along with building a strong set of core IT skills you can choose to major in one of several areas aligned to future industry growth including artificial intelligence, cloud analytics, cybersecurity, network engineering or information systems. Plus, you could develop a software program of your own, which you could present at the annual Engineering and IT Showcase to potential employers.

With industry-based projects and CISCO certification embedded in the course, you'll receive professional mentoring opportunities as you build career ready skills. You'll also gain access to our expert research centres, including the Centre for Technology Infusion and our state-of-the-art Technology Innovation Lab for the Internet of Things – developed in collaboration with Microsoft and CISCO.

MAJORS

A major is a sequence of related subjects studied in your course. To attain a major, this sequence must add up to 120 credit points.

- artificial intelligence
- cloud analytics
- data science
- information systems
- network engineering
- software engineering.

CAREER OPPORTUNITIES

After graduation, you could work across a broad range of industries in Australia and around the world. Depending on your major, your opportunities include:

- web developer
- network architect
- software developer or programmer
- machine learning engineer
- systems analyst.

ENTRY REQUIREMENTS

China National College Entrance Examination: 60%

China Senior Middle School 3: 85%

All Indian Secondary School Certificate: 60%

India State Boards: 65%

Vietnam Upper Secondary School Diploma: 7

Subject prerequisites

- Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.

English language requirement

- 6.0 IELTS (Academic) with no individual band less than 6.0.

INFORMATION TECHNOLOGY COURSES

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Business First majors:[2] Digital business | Enterprise	019479E	Bendigo, Melbourne	Sem 1, Sem 2, Summer	3 years	39 200
Bachelor of Business Analytics	0100037	Melbourne	Sem 1, Sem 2, Summer	3 years	40 400
Bachelor of Commerce First majors:[2] Business analytics	084539C	Melbourne	Sem 1, Sem 2	3 years	42 000
Bachelor of Computer Science First majors:[2] Artificial intelligence | Cloud analytics | Data science | Software engineering	022037E	Melbourne	Sem 1, Sem 2, Summer	3 years	39 600
Bachelor of Cybersecurity	096351E	Melbourne, Sydney	Sem 1, Sem 2, Summer	3 years	39 600
Bachelor of Information Technology First majors:[2] Artificial intelligence | Cloud analytics | Data science | Information systems | Network engineering | Software engineering	049940G	Bendigo, Melbourne, Sydney	Sem 1, Sem 2, Summer	3 years	39 600
Bachelor of Science First majors:[2] Applied cybersecurity | Artificial intelligence | Data science	022039C	Melbourne	Sem 1, Sem 2	3 years	41 000

POSTGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Master of Artificial Intelligence	0100864	Melbourne	Sem 1, Sem 2, Term 6	2 years	41 000
Master of Business Analytics Specialisations: Accounting for business | Artificial intelligence in business | Data science | Entrepreneurship and innovation | Logistics and supply chain management	087774A	Melbourne	Sem 1 , Sem 2, Summer	2 years	39 800
Master of Business Information Systems Specialisations: Accounting for business | Artificial intelligence in business | Data science | Entrepreneurship and innovation | Logistics and supply chain management	107439B	Melbourne	Sem 1, Sem 2	2 years	39 800
Master of Cybersecurity	104801B	Melbourne	Sem 1, Sem 2, Term 6	2 years	41 000
Master of Data Science Specialisations: Artificial intelligence analytics | Big data and cloud computing | Bioinformatics | Business applications | Data modelling and analytics | Mathematical data science | Sport analytics	092396B	Melbourne	Sem 1, Sem 2, Term 6	2 years	41 000
Master of Digital Health Specialisations: Advanced practice | Applied research | Artificial intelligence | Cybersecurity in business | Data analytics | Health management | Health strategy and policy | Public health	0101684	Melbourne	Term 2, Term 3, Term 4, Term 5, Term 6	2 years	39 400
Master of Information Technology Specialisations: Artificial intelligence | Cloud analytics | Cybersecurity | Internet of things | Networking | Quantum computing | Software engineering	037928B	Bendigo, Melbourne	Sem 1, Sem 2, Term 6	2 years	41 000
Master of Quantum Information Technology	113441B	Melbourne	Sem 1, Sem 2	2 years	41 000
Master of Sport Analytics	103840C	Melbourne	Sem 1	2 years	40 800

DOUBLE DEGREES

Double your employability and truly find your niche – pair your IT degree with a degree from another discipline. Prerequisites and other entry requirements vary for double degrees. Your choice of majors and minors may also be restricted. For more information, visit **latrobe.edu.au/ courses** or contact us to discuss your options.

COURSE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Commerce/Bachelor of Arts	084537E	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Biomedicine	116675D	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Computer Science	092917D	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Global Studies	106768D	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Health Sciences	093259C	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Psychological Science	099396A	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Commerce/Bachelor of Science	085379F	Melbourne	Sem 1, Sem 2	4 years	42 000
Bachelor of Cybersecurity/Bachelor of Commerce	0100860	Melbourne	Sem 1	4 years	42 000
Bachelor of Cybersecurity/Bachelor of Criminology	0100861	Melbourne	Sem 1	4 years	39 600
Bachelor of Cybersecurity/Bachelor of Psychological Science	096858M	Melbourne	Sem 1	4 years	40 000
Bachelor of Laws (Honours)/Bachelor of Science	107092B	Melbourne	Sem 1, Sem 2	5 years	42 000

1. Course start dates are based on 2024 and subject to change. See the La Trobe website for details.
2. For some courses, you're required to choose a first major (also known as a cognate major) that adds a tag to your degree – like a Bachelor of Information Technology (Cloud Analytics). **Availability of majors and specialisations varies by location and intake. See the La Trobe website for details.**

ACADEMIC AND LANGUAGE REQUIREMENTS

AT LA TROBE, WE HAVE MINIMUM ENTRY AND LANGUAGE REQUIREMENTS FOR UNDERGRADUATE, POSTGRADUATE AND GRADUATE RESEARCH STUDY.

Our course pages list the required minimum entry requirements, English levels and accepted test methods needed for entry. Australian university degrees may be structured differently to the ones in your home country. The courses we offer at La Trobe can be divided into three broad levels of study:

UNDERGRADUATE

At a minimum, you need to have completed Australian Year 12 (or an accepted international equivalent) with a certain grade. You may also need to meet subject prerequisites.

POSTGRADUATE COURSEWORK

At a minimum, you need to have completed an Australian Bachelor's degree (or international equivalent) with certain grades. For some degrees, we may consider prior learning through work experience or professional accreditation. Some courses may have additional entry requirements.

HIGHER DEGREES BY RESEARCH

We offer three types of graduate research degrees, depending on your goals, and educational and professional backgrounds. To find out the entry requirements, visit: **latrobe.edu.au/study/apply/research**

ENGLISH LANGUAGE REQUIREMENTS

Our course pages list the required English levels and accepted test methods needed for entry. If you know the course you want to study, you can **search for your course** and check its specific entry requirements.

We have minimum language requirements for undergraduate, postgraduate and graduate research study at La Trobe. However, some La Trobe courses need a higher level of English language proficiency than these minimum scores.

ACCEPTED ALTERNATIVES TO IELTS TEST SCORES*

While IELTS scores are our primary measure of English proficiency, we may accept tests other than IELTS if your overall score is the equivalent of the required IELTS score. Once you know your course's minimum accepted IELTS score, check that score against the information below to see its equivalent score in other English proficiency tests.

International English Language Test (IELTS) Academic	IELTS overall 6.0, no band less than 6.0	IELTS overall 6.5, no band less than 6.0	IELTS overall 7.0, no band less than 6.5	IELTS overall 7.0, no band less than 7.0	IELTS overall 7.5, no band less than 7.0
United Kingdom Visa and Immigration International English Language Test (IELTS)	IELTS overall 6.0, no band less than 6.0	IELTS overall 6.5, no band less than 6.0	IELTS overall 7.0, no band less than 6.5	IELTS overall 7.0 no band less than 7.0	IELTS overall 7.5, no band less than 7.0
Pearson Test of English (Academic) (PTE)	Overall score of 50 with no communicative skill score less than 50	Overall score of 58 with no communicative skill score less than 50	Overall score of 65 with no communicative skill score less than 58	Overall score of 65 with no communicative skill score less than 65	Overall score of 73 with no communicative skill score less than 65
TOEFL Internet based (iBT) – TOEFL iBT tests that were completed between 26 July 2023 and 4 May 2024 will not be accepted for Australian visa and migration purposes	Overall score of 64 with 13 in Reading, 12 in Listening, 18 in Speaking and 21 in Writing	Overall score of 79 with 13 in Reading, 12 in Listening, 18 in Speaking and 21 in Writing	Overall score of 94 with 19 in Reading, 20 in Listening, 20 in Speaking and 24 in Writing	Overall 98 with 24 in Reading, 24 in Listening, 23 in Speaking and 27 in Writing	Overall 102 with 24 in Reading, 24 in Listening, 23 in Speaking and 27 in Writing
Cambridge Certificate of Advanced English (CAE) / Cambridge Certificate of Proficiency in English (CPE)	169 with no less than 169 in any component	176 with no less than 169 in any component	185 with no less than 176 in any component	NA	191 with no less than 185 in any component

* Note : Not all courses accept alternative English tests. Please check 'courses with specific English test requirements.'

DON'T MEET THE MINIMUM LANGUAGE REQUIREMENTS?
La Trobe College Australia's English Language Intensive Courses (ELICOS) are designed for students who require English language training before they commence tertiary study in Australia.

La Trobe College ELICOS 🔍

FEES AND SCHOLARSHIPS

FIND OUT ABOUT FEES FOR YOUR IDEAL COURSE AND THE SCHOLARSHIPS TO SUPPORT YOU WITH THE COSTS OF STUDYING AT LA TROBE.

FEES

You can find indicative annual fees for each course throughout this guide. These are based on an annual study load of 120 credit points, except where we indicate that they are based on a different study load. If you change your study load, your course fees will also change.

You can estimate a total cost for your course based on these indicative fees, but remember – fees can change year by year. We reserve the right to vary fees on an annual basis. If we do change the fees for a course, the change takes effect on 1 January the next year.

You may also need to pay other course costs, such as field trips or buying equipment. If a course requires you to pay additional costs, it will be outlined in the 'fees and scholarships' section on your course page.

INTERNATIONAL SCHOLARSHIPS

At La Trobe, we've designed our range of scholarships to give you the support you need in a changing world. Our generous scholarships mean you could access financial support to study with us.

By reducing your tuition fee, these scholarships recognise your achievements and reward your commitment to your

future. So whether you're interested in undergraduate and postgraduate coursework or postgraduate research, there's a La Trobe scholarship for you.

Use our online University Scholarships and Bursaries search tool to find scholarships and bursaries and their eligibility requirements and application processes.

ACCOMMODATION

TAKE THE STRESS OUT OF SETTLING INTO AUSTRALIA BY MOVING INTO LA TROBE'S FULLY FURNISHED STUDENT ACCOMMODATION. WE OFFER A WIDE RANGE OF COMFORTABLE AND ACCESSIBLE OPTIONS, REGARDLESS OF WHICH CAMPUS YOU ARE ATTENDING.

WHAT'S INCLUDED

Furnished room

Utilities (electricity and water)

Laundry facilities

A full calendar of fun activities and events

Fully secured room access with individual keycard entry

Unlimited internet

24/7 support staff

Range of amenities*

* Amenities may include a gym, study rooms, BBQs, communal lounge rooms, game rooms and more. See the individual residence pages for details.   La Trobe University

HOW TO APPLY

OUR GUIDE SIMPLIFIES THE PROCESS OF STARTING YOUR STUDY JOURNEY AT LA TROBE, GUIDING YOU THROUGH EVERY STEP FROM CHOOSING YOUR DEGREE TO SUCCESSFULLY SUBMITTING YOUR APPLICATION.

1. FIND A DEGREE

The best starting point for your education journey is to find the course you want to study. Explore our range of courses and campus locations in this guide and on our website to discover the right degree for you.

2. BEGIN APPLYING

There are two ways you can apply to La Trobe as an international student, directly via our online form or through a La Trobe agent. If you are unsure which one applies to you, get in touch with our student advisors who can help you with the application process.

3. CHECK ALL ENTRY REQUIREMENTS

Academic entry and English language requirements vary from course to course, as do application closing dates. You will find your entry requirements for your course in this guide and in the online course page on our website.

4. SUBMIT YOUR DOCUMENTS

When lodging your application with La Trobe, you will need to provide the following documents:

– copy of passport
– current visa (if applicable)
– academic qualifications including completion certificate and academic transcripts (in English translation if required)
– evidence of your English language proficiency
– any other information specified in the entry requirements for your course
– course syllabus for completed subjects if you are applying for advanced standing.

5. SUBMIT YOUR APPLICATION

Once you have met all admission criteria for your selected degree and collected all required documentation, you can proceed with submitting your application directly or via your authorised agent.

STUDENT SUPPORT

WE HAVE A WIDE RANGE OF SUPPORT SERVICES TO HELP YOU WITH ACADEMIC, CAREER, SOCIAL, FINANCIAL, CULTURAL AND OTHER ISSUES TO HELP MAKE THE MOST OF YOUR TIME AT LA TROBE.

ACADEMIC SUPPORT

Chat with our librarians for help and access a variety of tools, resources and support, including one-to-one study and assessment help.

STUDENT ADVISING

The Student Advising team can provide you with personalised advice, including your study plan and course structure.

CAREER AND EMPLOYMENT

As you study, you'll have a few ways to build your resume and expand your professional network with access to dedicated career services and employability programs, ranging from industry placement and mentoring to consultations, workshops and networking.

CAREER READY ADVANTAGE

Employers love graduates who take control of their future. Work with our Career Ready team to develop your skills, access leadership mentoring and industry placements to give yourself that career ready advantage.

WORK-INTEGRATED LEARNING

Explore a range of elective opportunities available for all students to incorporate practical industry experience into your degree.

HEALTH AND WELLBEING

Our wellbeing teams will help you with managing your health, accessing disability services, supporting you on your religious and faith journeys, and providing one-to-one counselling sessions.

EVERYDAY SUPPORT

ASK La Trobe is your first point of contact for everyday student needs and queries about any issues you may need support with.

![La Trobe University Australia logo]

TAKE THE NEXT STEP

Meet us in your country
latrobe.edu.au/international/contact/your–country

Find an agent
latrobe.edu.au/international/contact/agent–finder

Events and webinars
latrobe.edu.au/international/contact/events

STAY CONNECTED

Instagram
@latrobeuni

TikTok
@latrobeuni

WeChat
LaTrobeUni_AU

LinkedIn
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latrobe.edu.au/international