INTERNATIONAL

ENGINEERING AND INFORMATION TECHNOLOGY

latrobe.edu.au/international

ACKNOWLEDGEMENT OF COUNTRY

La Trobe University acknowledges 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.

A UNIQUELY AUSTRALIAN STUDY EXPERIENCE

STUDYING AT LA TROBE IS MORE THAN GETTING A GREAT EDUCATION – IT GIVES YOU THE CHANCE TO IMMERSE YOURSELF DEEPLY IN AUSTRALIA'S VAST CULTURES AND CONNECT TO ROBUST NATURAL WONDERS.

STUDY AMONG AUSTRALIAN FLORA AND FAUNA

Our Melbourne (Bundoora) Campus spreads over 267 hectares – that's 660 acres filled with not only state–of–the–art learning facilities, but also plenty of green spaces and the only university–based wildlife sanctuary in the country.

Ever wanted to see a kangaroo? Or a group of white and yellow cockatoos? With many unique Australian animals living on campus, you'll be sure to see some of them on your trip into university, or even on your lunch break.

EMBRACE THE CULTURE CAPITAL OF AUSTRALIA

Offering a diverse range of cuisines, festivals, museums, galleries and sporting events, Melbourne consistently ranks as one of the world's most liveable cities. This year, Melbourne ranked third globally and first nationally, so you're sure to find something to love about living in Melbourne.[1]

With campuses in Melbourne's north and the city CBD, you'll never be too far from the city's bustling streets, lively laneways and iconic landmarks, like Federation Square and Flinders Street Station.

EXPLORE BEYOND THE BEATEN TRACK

With four regional campuses located away from the hustle and bustle of the city, we're lucky enough to embrace the unique landscapes and cultures of regional Victoria.

Bendigo Campus

Our campus is located in Flora Hill, an easy 3km drive or bike ride from the Bendigo CBD. We're located next to the Greater Bendigo National Park, which means that even though we're close to all the action of the city, you'll often see kangaroos on campus! Take our virtual tour and see the extensive facilities on campus.

YOU'LL HAVE A UNIQUE EXPERIENCE

With campuses surrounded by native wildlife, more than 70 clubs and societies to join, and extensive support networks, your time at La Trobe will be so much more than what happens in the classroom.

OUR CAMPUS HAS ITS OWN POSTCODE

Our Melbourne (Bundoora) Campus is the largest metropolitan university campus in the whole of Australia at 267 hectares, which means it even gets its own postcode – 3086. With plenty of green space, sporting facilities and a great selection of diverse food options, you'll have lots to explore.

LOCATED IN ONE OF THE MOST STUDENT-FRIENDLY CITIES WORLDWIDE

Feel welcome and live comfortably during your studies, with Melbourne ranked #5 in the world and #1 in Australia for the most student–friendly city, with a rating of 93.3.[2]

1. The Economist, 2023, *World's most liveable cities, Melbourne and Sydney bounce back up the world's most liveable cities list*
2. Quacquarelli Symonds (QS), 2023, *QS Best Student Cities 2023*

ENGINEERING

Are you interested in how the world around us is designed and built? With an engineering degree at La Trobe, you could shape smarter buildings, cities, machines and networks.

JOIN THE NEXT GENERATION OF ENGINEERS

Drive change in the world's fastest–moving industry with a degree in engineering. At La Trobe, you'll get the skills to adapt to new fields and advanced technology with industry expert teachers, collaborative workspaces and placements that put you in the job earlier.

MAKE REAL CONNECTIONS

Through our annual IT and Engineering Showcase, you can present your innovative ideas to our current and prospective partners. You'll gain exposure to industry and government agencies, acquire sought–after skills and make connections that will set you up for success.

THE HUMAN ELEMENT OF TECHNOLOGY

You'll need human skills to adapt and thrive in your career. At La Trobe, you'll graduate ready to work in traditional and emerging industries. Build strong foundations, an innovative mindset and professional experience.

EARLY EXIT OPPORTUNITIES

Every stage of our engineering degrees set you up for your future career. So if you're ready to jump into your career earlier than expected, you may have the option to exit after the first year of your Bachelor's degree with a Diploma, or after your second year with an Associate Degree.

BUILD EXPERIENCE WHILE YOU STUDY

Develop your skills with practical work placements at major companies like Telstra, BMW and Boral. Our work integrated learning program is sector–leading, providing students with the real–world experience to meet the expectations and needs of a rapidly evolving engineering industry.

Placement within the industry allows students to extend their skills with real work and apply theory and knowledge to benefit the community. You'll experience the realities of professional engineering work including ethics, requirements, imperatives and the business context.

With experiences like these, you'll graduate confident with practical skills and strong professional networks.

1. Australian Research Council, 2019, *Excellence in Research for Australia (ERA) Outcomes 2018*
2. ShanghaiRanking, 2022, *Global Ranking of Academic Subjects – Computer Science & Engineering*

HARRISON G
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 RATED 'WELL ABOVE WORLD STANDARD' AND TOP-RATED NATIONALLY'[1]

UNDERTAKE A SIX-MONTH PLACEMENT WITH A COMPANY, LEARNING ON THE JOB WHILE COMPLETING A CAPSTONE PROJECT

WE'RE RANKED IN THE WORLD'S TOP 400 FOR COMPUTER SCIENCE AND ENGINEERING.[2]

MASTER OF CONSTRUCTION & ENGINEERING MANAGEMENT

Location:
BEN, MEL

La Trobe's Master of Construction and Engineering Management gives you the blend of knowledge and skills to meet the challenges of managing complex building, civil or infrastructure projects while implementing sustainable industry practices.

Build skills in project financing and cost control, project negotiation and consultative engagement. You'll also have the opportunity to gain hands-on experience and build industry contracts. Alternatively, you could join a research team on an advanced engineering project. Get real-world experience with our industry partners, including Coffey, John Holland and Fulton Hogan.

ENTRY REQUIREMENTS*

Prerequisites

240 credit point pathway (2 years):

– Successful completion of a 4-year Bachelor degree in engineering, architecture, quantity surveying or construction.

180 credit point pathway (18 months):

– Successful completion of a 4-year Bachelor degree in engineering, architecture, quantity surveying or construction.
– Eligibility to be assessed on a case-by-case basis by the school.

120 credit point pathway (12 months):

– Successful completion of a 4-year Australian Bachelor degree (or its equivalent) with honours in engineering, architecture, quantity surveying or construction or international equivalent.
– Eligibility to be assessed on a case by case basis by the school.

A Bachelor's degree in engineering, architecture, quantity surveying or construction or an international equivalent.

English language requirement

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

CAREER OPPORTUNITIES

– Construction manager
– Engineering manager
– Project engineer

MASTER OF ENGINEERING

Prepare for the rich opportunities of the future workforce.

Get advanced skills for a successful career, including design, engineering management, research and innovation. Understand the latest concepts in data and software to model, analyse and implement effective engineering systems. Learn how to adapt to the emerging technologies changing the engineering landscape like artificial intelligence and robotics.

Choose from specialisations in electronics or telecommunications and networking. Experience engineering practice first-hand while gaining valuable industry connections with a six-month work-integrated learning (WIL) program. Graduate ready to apply for membership of Engineers Australia.

ENTRY REQUIREMENTS*

Prerequisites
– Specialisation – compulsory: engineering
– Australian Bachelor's four-year degree (or equivalent)
– Applicants who have completed an Honours degree in science in an appropriate field will also be considered.

240 credit point pathway (2 years):
– Successful completion of a 4-year Australian Bachelor degree (or its equivalent).

180 credit point pathway – cognate entry (18 months):
– Successful completion of a 4 year Australian Bachelor degree (or its equivalent) in an engineering related field.
– Eligibility to be assessed on a case-by-case basis by the school.

120 credit point pathway – cognate entry (12 months):
– Successful completion of a 4-year Australian Bachelor of Engineering Honours degree (or equivalent Washington Accord-recognised degree)
– Eligibility to be assessed on a case-by-case basis by the school.

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

SAMPLE COURSE STRUCTURE

Year 1 requires the 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 requires the 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 - pathway
– 30 credit points from chosen specialisation

CAREER OPPORTUNITIES

Graduate with the skills to succeed as a world-class engineer. 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.

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

– Electronics
– Telecommunications and networking

MASTER OF ENGINEERING MANAGEMENT

La Trobe's Master of Engineering Management will develop your commercial acumen and help you set yourself apart. You'll undertake specialist subjects in management, innovation and sustainability – all designed for engineers. Back up your specialist skills with a strong foundation in business, so you can confidently address issues relating to marketing, finance, organisational behaviour and the analysis of business data.

In your second year, you'll discover advanced subjects in risk and cost, project management, strategic management and computer-aided engineering. You'll also advance your knowledge in an engineering specialisation – choose from 12 disciplines.

Learn from experts in both engineering and management. Graduate ready to advance your career as a leader and manager in your field.

ENTRY REQUIREMENTS*

Prerequisites

– Australian Bachelor degree in any engineering fields (or equivalent)
– Australian Bachelor four-year degree (or equivalent)

Admission may be granted to applicants without an undergraduate degree but with five or more years of relevant work experience. In making an offer to an applicant, the university may give consideration to a range of factors including English proficiency, academic record and employment experience.

English language requirement

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

CAREER OPPORTUNITIES

– Engineering project manager
– Senior engineering management consultant
– Engineering development manager.

* Entry requirements are only provided as a guide and, for undergraduate courses, based on the primary measure for entry into most undergraduate university courses in Australia, the Australian Tertiary Admission Rank (ATAR). Entry requirements may vary by location and meeting minimum prerequisites does not guarantee an offer of a place. Entry into all La Trobe courses is based on competitive selection and there may be limited places available. For the most complete and up-to-date entry requirements, please visit the La Trobe website.

ENGINEERING

UNDERGRADUATE

Bachelor's degrees	CRICOS	📍	📅	🕐	$
Bachelor of Civil Engineering (Honours)	078469G	BEN, MEL	Sem 1, Sem 2	4 years	38 000
Bachelor of Engineering Honours (Industrial)	095713C	BEN, MEL	Sem 1, Sem 2	4 years	38 000

POSTGRADUATE

Master's degrees	CRICOS	📍	📅	🕐	$
Master of Civil Engineering	113899A	BEN, MEL	Sem 1, Sem 2	2 years	40 200
Master of Construction and Engineering Management	0101683	BEN, MEL	Term 1, Sem 1, Sem 2, Term 6	2 years	40 200
Master of Engineering Specialisations: Electronics, Telecommunications and networking	104735G	MEL	Term 1, Sem 1, Sem 2	2 years	40 200
Master of Engineering Management	080775A	MEL	Sem 1, Sem 2	2 years	40 200
Master of Manufacturing Engineering	113898B	BEN, MEL	Sem 1, Sem 2	2 years	40 200

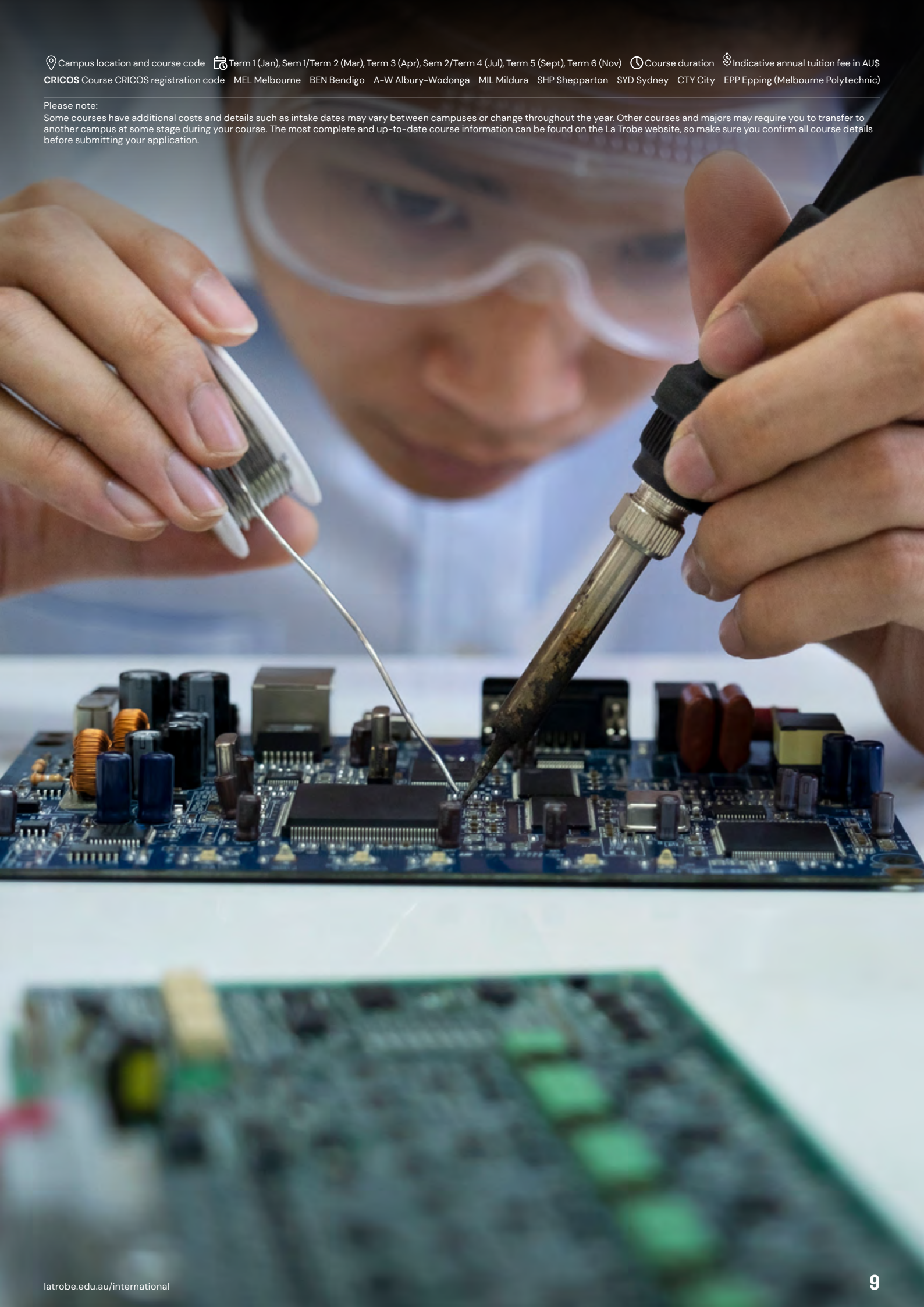| Graduate Diplomas	CRICOS	📍	📅	🕐	$
Graduate Diploma in Engineering Management	108004K	MEL	Sem 1, Sem 2	1 year	40 200

ADVANCED FACILITIES

As a La Trobe engineering student, you'll have access to purpose-built, state-of-the-art labs at Bendigo and Melbourne campuses.

INFORMATION TECHNOLOGY

With the rapid pace of technological advancement and the need for increased security, the world needs IT professionals who can create solutions, make meaningful connections and defend against cybercrime.

GRADUATE HIGHLY EMPLOYABLE

Gain the critical skills you need to meet the national demand for IT professionals in Australia, with a projected job growth of 38.9% for database, systems administrators and ICT security roles until 2026.[1]

FIND YOUR SPECIALITY

Whether you want to study artificial intelligence, cloud analytics, data science, cybersecurity, information systems, network engineering, software engineering or more – there's an option for everyone.

NEED A PATHWAY TO IT?

Through our La Trobe College Australia pathway for international students, you could transition into the second year of the following Bachelor's degree in IT:

– Bachelor of Computer Science

– Bachelor of Cybersecurity

– Bachelor of Information Technology.

ADVANCED FACILITIES

Get 24/7 access to high-tech labs for IT, computer science, cybersecurity, Internet of Things (IoT) and Artificial Intelligence (AI). This includes our CISCO labs with 120 switches, 120 routers, 30 adaptive security appliances and 30 wireless LAN controllers.

Our IoT teaching lab is also equipped with the latest devices, communication networks (LoRa, LoraWAN, 5G, NB-IOT, CAT-M1, HALO), radio equipment and access to cloud-based technologies such as Amazon Web Services.

CAN'T CHOOSE ONE DEGREE? STUDY TWO

Studying a double degree is a great way to broaden your career opportunities, and at La Trobe we have a wide range for you to choose from.

By studying a double degree, you'll graduate with two degrees in a shorter time frame, with most reduced from six years of study down to four or five years. You'll graduate with two study specialties under your belt and more than double your career possibilities.

BUILD EXPERIENCE WHILE YOU STUDY

Through our network of industry partners, you'll gain hands-on experience with organisations like CISCO, Oracle, Optus, Telstra, BMW, Boral and Pivot Maritime International.

CISCO

OPTUS

1. Australian Government, 2022, *Labour Market Insights: Database & Systems Administrators & ICT Security*
2. Quality Indicators for Learning and Teaching (QILT), 2022, *CompareED: Overall undergraduate results for La Trobe University*

RAJAN
Bachelor of Information Technology
International student, India

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

WE PARTNER WITH INDUSTRY LEADERS LIKE CISCO TO DRIVE AI INNOVATION THROUGH RESEARCH AND TRAINING

86.8% OF LA TROBE UNDERGRADUATES FOUND EMPLOYMENT WITHIN 4 MONTHS OF GRADUATION[2]

This statistic is for all La Trobe undergraduate students, and includes part–time students.

I CHOSE LA TROBE BECAUSE I COULD SPECIALISE IN MY COURSE AND THAT GIVES ME A COMPETITIVE, PROFESSIONAL EDGE.

I'VE ALSO BEEN ABLE TO STUDY EVERYTHING FROM BASIC CODING TO PROJECT MANAGEMENT AND METHODS.

BACHELOR OF COMPUTER SCIENCE

Carefully aligned to meet industry needs, our Bachelor of Computer Science will help you gain the technical skills to adapt to emerging technologies across an increasingly digital world.

As well as your technical subjects, you'll also build the human skills you need for the workplace. Think project management, critical thinking, problem-solving and communication. These are the transferable skills you'll need to be employable and carve a path of success throughout your career.

Access our expert research centres, including the Centre for Technology Infusion, the Optus Cyber Security Research Centre and a state-of-the-art research lab for the Internet of Things – one of the largest in Victoria, proudly developed in collaboration with Microsoft and CISCO.

Show off your work at the annual IT and Engineering Showcase, where prospective employers will see what you've done. Or you could choose to undertake an applied research project, developing the skills you need to succeed in research.

ENTRY REQUIREMENTS*

- China Senior Middle School 3: 90%
- China National College Entrance Examination: 60%
- All Indian Secondary School Certificate: 70%
- India State Boards: 70%
- Vietnam Upper Secondary School Diploma: 7.5

These entry requirements are for the Melbourne (Bundoora) Campus. To see entry requirements for other campuses, or specific entry requirements for your country, please visit the course page on our website.

English language requirement

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

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.
- Units 3 and 4: a study score of at least 20 in any Mathematics

CAREER OPPORTUNITIES

- Full stack web developer or programmer
- Big data engineer
- Machine learning engineer

MAJORS

- Artificial intelligence
- Cloud analytics
- Data science
- Software engineering

BACHELOR OF CYBERSECURITY

La Trobe's Bachelor of Cybersecurity offers you the opportunity to step into the rapidly evolving digital world of cybersecurity.

You'll build a highly specialised technical skillset as you learn about the history of hacking, build your coding expertise, and access industry-based projects and mentoring opportunities with major corporations.

Study the architecture of computer networks and the internet, and examine protocols and services used in the defence of online information. You'll learn the frameworks for cybersecurity governance and risk mitigation based on your emerging understanding of business strategy and risk appetite.

ENTRY REQUIREMENTS*

- China Senior Middle School 3: 90%
- China National College Entrance Examination: 60%
- All Indian Secondary School Certificate: 70%
- India State Boards: 70%
- Vietnam Upper Secondary School Diploma: 7.5

These entry requirements are for the Melbourne (Bundoora) Campus. To see entry requirements for other campuses, or specific entry requirements for your country, please visit the course page on our website.

English language requirement

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

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.

CAREER OPPORTUNITIES

- Ethical hacker
- Cryptographer/cryptanalyst
- Security architect
- Cybersecurity policy adviser
- Software developer

BACHELOR OF INFORMATION TECHNOLOGY

Location:
BEN, MEL, SYD

Designed to help you build our digital future, La Trobe's Bachelor of Information Technology equips you 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.

Broaden your knowledge and capabilities further through a wide range of electives. Combine your core IT skills with business, social sciences, humanities, web engineering, computer technology, security and information systems analysis subjects.

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.

ENTRY REQUIREMENTS*

– China Senior Middle School 3: 85%
– China National College Entrance Examination: 60%
– All Indian Secondary School Certificate: 60%
– India State Boards: 65%
– Vietnam Upper Secondary School Diploma: 7

These entry requirements are for the Melbourne (Bundoora) Campus. To see entry requirements for other campuses, or specific entry requirements for your country, please visit the course page on our website.

English language requirement

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

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.

SAMPLE COURSE STRUCTURE

Year 1 requires the completion of 120 credit points including:

– 30 credit points from chosen core
– 30 credit points from chosen major
– 60 credit points from chosen electives

Year 2 requires the completion of 120 credit points including:

– 45 credit points from chosen core
– 30 credit points from chosen major
– 45 credit points from chosen electives

Year 3 requires the completion of 120 credit points including:

– 15 credit points from chosen capstone
– 30 credit points from chosen core
– 60 credit points from chosen major
– 15 credit points from chosen electives

CAREER OPPORTUNITIES

After you graduate, you could work across almost any sector – including technology, communications, education, finance, government, healthcare and energy.

Possible roles include:

– Network administrator
– Web developer
– Network architect
– Software developer or programmer
– Machine learning engineer
– Systems analyst

PROFESSIONAL RECOGNITION

The Bachelor of Information Technology is accredited by the Australian Computer Society (ACS). Graduates of the Bachelor of Information Technology may apply for membership with the ACS. Membership may be subject to additional or ongoing requirements beyond completion of the degree. Please contact the relevant professional body for details.

MAJORS

– Artificial intelligence (MEL)
– Cloud analytics (MEL, SYD)
– Data science (MEL)
– Information systems (MEL)
– Network engineering (MEL)
– Software engineering (MEL, SYD)

RISING DEMAND

IT–related occupations are projected to rise significantly until 2025 with demand for computer network professionals and software and applications programmers set to grow by more than 30%.[1]

1. National Skills Commission, 2021, *Labour Market Information Portal: 2020 Employment Projections – for the five years to November 2025*

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MASTER OF CYBERSECURITY

La Trobe's Master of Cybersecurity prepares you for a successful career in this fast-growing field, whether you have an IT background or not.

The degree has been carefully designed by industry leaders to first give you a strong foundation in cybersecurity, then invite you to specialise in either computer science, business operations or artificial intelligence.

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.

Begin building your career while you study. Industry-based learning opportunities embedded throughout this degree give you the change to not only build practical experience, but also start developing your professional network. 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.

ENTRY REQUIREMENTS*

Prerequisites
– Successful completion of an Australian Bachelor degree (or equivalent).

Note: Meeting minimum prerequisites does not guarantee an offer of a place. Entry into all La Trobe courses is based on competitive selection and there may be limited places available.

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

CAREER OPPORTUNITIES

– Security architect
– Cyber intelligence analyst
– Compliance assurance manager
– Cybersecurity consultant
– Cybersecurity polity adviser
– Cyber risk manager

SPECIALISATIONS:

– Artificial intelligence (MEL)
– Business operations (MEL)
– Computer science (MEL)

MASTER OF DATA SCIENCE

Data science professionals are in high demand in today's data-driven world. Whether you're already working in data science, or you're ready to make a career change, our Master of Data Science prepares you for a successful career in this exciting field.

Designed in collaboration with our industry partners, this degree gives you the knowledge, skills and hands-on experience to transition from university to the workplace.

You'll build fundamental skills in programming, databases, probability, statistics, data exploration and analysis. Got a particular interest in artificial intelligence, bioinformatics or sport analytics? This degree allows you to specialise in these areas and others, such as big data and cloud computing, business applications and data modelling and analytics.

ENTRY REQUIREMENTS*

Prerequisites
– Successful completion of an Australian Bachelor degree (or equivalent).

Note: Meeting minimum prerequisites does not guarantee an offer of a place. Entry into all La Trobe courses is based on competitive selection and there may be limited places available.

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

CAREER OPPORTUNITIES

– Data scientist
– Business analyst
– Health analyst
– Bioinformatician
– Machine learning engineer

SPECIALISATIONS

– Artificial intelligence analytics (MEL)
– Big data and cloud computing (MEL)
– Business applications (MEL)
– Bioinformatics (MEL)
– Data modelling and analytics (MEL)
– Mathematical data science (MEL)
– Sport analytics (MEL)

MASTER OF INFORMATION TECHNOLOGY

Location:
BEN, MEL

La Trobe's Master of Information Technology allows you to ride the IT wave and set yourself up for a successful tech career.

This degree builds your technical expertise and gives you a strong, industry–standard IT skill set. It's also flexible – you'll have the opportunity to specialise in one of several booming areas, including software engineering, cloud analytics, digital media, networking, artificial intelligence, digital health or cybersecurity.

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.

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.

ENTRY REQUIREMENTS*

Prerequisites
– Successful completion of an Australian Bachelor degree (or equivalent).

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

SAMPLE COURSE STRUCTURE

Year 1 requires the 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 requires the completion of 120 credit points including:

– 30 credit points from chosen core
– 30 credit points from chosen core choice – pathway level 2
– 60 credit points from chosen specialisation

CAREER OPPORTUNITIES

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

– Senior programmer
– Network engineer
– Full stack developer
– IT administrator
– ICT security specialist

PROFESSIONAL RECOGNITION

The Master of Information Technology is accredited by the Australian Computer Society (ACS). Graduates of the Master of Information Technology may apply for membership with the ACS. Membership may be subject to additional or ongoing requirements beyond completion of the degree. Please contact the relevant professional body for details.

SPECIALISATIONS

– Artificial intelligence (MEL)
– Cloud analytics (BEN, MEL)
– Cybersecurity (MEL)
– Digital health (MEL)
– Digital media (MEL)
– Networking (MEL)
– Software engineering (MEL)

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INFORMATION TECHNOLOGY

UNDERGRADUATE

Bachelor's degrees	CRICOS	⊚	📅	⏱	$
Bachelor of Business Analytics	0100037	MEL	Sem 1, Sem 2	3 years	37 800
Bachelor of Computer Science **Majors:** Artificial intelligence (MEL), Cloud analytics (MEL, SYD), Data science (MEL), Software engineering (MEL, SYD)	022037E	MEL	Sem 1, Sem 2, Term 6	3 years	37 400
Bachelor of Cybersecurity	096351E	MEL	Sem 1, Sem 2, Term 6	3 years	37 400
Bachelor of Information Technology **Majors:** Artificial intelligence (MEL), Cloud analytics (MEL, SYD), Data science (MEL), Information systems (MEL), Network engineering (MEL), Software engineering (MEL, SYD)	049940G	BEN, MEL, SYD	Sem 1, Sem 2, Term 6	3 years	37 400
Bachelor of Science **Majors:** Applied cybersecurity (MEL), Artificial intelligence (MEL), Biochemistry (MEL), Botany (A–W, MEL), Chemistry (MEL), Crop science (MEL), Data science (MEL), Ecology (A–W, MEL), Genetics (A–W, MEL), Human physiological sciences (A–W, MEL), Mathematics (BEN, MEL), Microbiology (A–W, MEL), Pharmaceutical science (BEN), Physics (BEN, MEL), Psychological science (A–W, BEN, MEL), Statistics (MEL), Zoology (A–W, MEL)	022039C	BEN, MEL	Sem 1, Sem 2	3 years	39 000

| Double degrees	CRICOS	⊚	📅	⏱	$
Bachelor of Commerce/Bachelor of Computer Science	092917D	MEL	Sem 1, Sem 2	4 years	39 400
Bachelor of Commerce/Bachelor of Science	085379F	MEL	Sem 1, Sem 2	4 years	39 400
Bachelor of Cybersecurity/Bachelor of Commerce	0100860	MEL	Sem 1	4 years	39 400
Bachelor of Cybersecurity/Bachelor of Criminology	0100861	MEL	Sem 1	4 years	37 400
Bachelor of Cybersecurity/Bachelor of Psychological Science	096858M	MEL	Sem 1	4 years	37 600
Bachelor of Laws (Honours)/Bachelor of Science	107092B	MEL	Sem 1, Sem 2	5 years	40 600

CHOOSE YOUR MAJORS

If your preferred course requires selection of a major, choose your first major (also known as your cognate major) from those listed under your course. Then, customise your degree by adding an optional second major from your course or any open access major from IT or a completely different discipline like arts, social sciences and communications, business and commerce, health or science.

DESIGN YOUR DEGREE: OPEN ACCESS MAJORS

Open access majors from a range of disciplines are available to all undergraduate students with enough spare credit points in their course and space in their timetable. You'll be supported in selecting your majors when you enrol, but if you need help designing your degree, submit an online enquiry to our course advisers or visit our website.

The following majors from IT are available to all undergraduate students in eligible courses:

⊚		⊚		⊚	
Applied cybersecurity	MEL	Data science	BEN, MEL	Digital media	MEL
Computer science	MEL	Digital business	A–W, BEN, MEL	Information technology	MEL

 Campus location and course code 📅 Term 1 (Jan), Sem 1/Term 2 (Mar), Term 3 (Apr), Sem 2/Term 4 (Jul), Term 5 (Sept), Term 6 (Nov) 🕐 Course duration $ Indicative annual tuition fee in AU$

CRICOS Course CRICOS registration code MEL Melbourne   BEN Bendigo   A–W Albury–Wodonga   MIL Mildura   SHP Shepparton   SYD Sydney   CTY City   EPP Epping (Melbourne Polytechnic)

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.

POSTGRADUATE

Master's degrees	CRICOS	📍	📅	🕐	$
Master of Artificial Intelligence Specialisations: Natural language processing (MEL)	0100864	MEL	Sem 1, Sem 2, Term 6	2 years	39 400
Master of Business Analytics Specialisations: Accounting for business (CTY, MEL), Applied digital health (CTY, MEL), Artificial intelligence in business (CTY, MEL), Data science (CTY, MEL), Entrepreneurship and innovation (CTY, MEL), Logistics and supply chain management (MEL)	087774A	CTY	Sem 1, Sem 2	2 years	37 200
Master of Business Information Systems Specialisations: Accounting for business (CTY, MEL), Applied digital health (CTY, MEL), Artificial intelligence in business (CTY, MEL), Data science (CTY, MEL), Entrepreneurship and innovation (CTY, MEL), Logistics and supply chain management (MEL)	107439B	MEL	Sem 1, Sem 2	2 years	37 200
Master of Cybersecurity Specialisations: Artificial intelligence (MEL), Business operations (MEL), Computer science (MEL)	104801B	MEL	Sem 1, Sem 2, Term 6	2 years	39 400
Master of Data Science Specialisations: Artificial intelligence analytics (MEL), Big data and cloud computing (MEL), Business applications (MEL), Bioinformatics (MEL), Data modelling and analytics (MEL), Mathematical data science (MEL), Sport analytics (MEL)	092396B	MEL	Sem 1, Sem 2, Term 6	2 years	39 400
Master of Digital Health Specialisations: Applied research (CTY), Advanced practice (CTY, MEL)	0101684	MEL	Term 2, Term 4, Term 6	2 years	37 400
Master of Information and Communication Technology	061684F	BEN, MEL	Sem 1, Sem 2, Term 6	2 years	29 550[1]
Master of Information Technology Specialisations: Artificial intelligence (MEL), Cloud analytics (BEN, MEL), Cybersecurity (MEL), Digital health (MEL), Digital media (MEL), Networking (MEL), Software engineering (MEL)	037928B	BEN, MEL	Sem 1, Sem 2, Term 6	2 years	39 400
Master of Internet of Things Specialisations: Applied data analytics (BEN)	0100862	BEN	Sem 1, Sem 2	2 years	39 400
Master of Quantum Information Technology	113441B	MEL	Sem 1, Sem 2	2 years	39 400
Master of Sport Analytics	103840C	MEL	Sem 1	2 years	38 800

Graduate Diplomas	CRICOS	📍	📅	🕐	$
Graduate Diploma in Business Analytics	087776K	CTY	Sem 1, Sem 2	1 year	37 200
Graduate Diploma in Business Information Systems	110602C	MEL	Sem 1, Sem 2	1 year	37 200

Graduate Certificates	CRICOS	📍	📅	🕐	$
Graduate Certificate in Information Technology Fundamentals	102578J	MEL	Sem 1, Sem 2	6 months	19700[2]
Graduate Certificate in Digital Health	102426C	MEL	Term 2, Term 4, Term 6	6 months	18 700[2]

POSTGRADUATE ENABLING PROGRAM

La Trobe University's Postgraduate Enabling Program (PEP) provides a pathway into a range of La Trobe's business and IT Master's courses for students who may not have the academic requirements to gain direct entry.

GOT QUESTIONS? CONTACT OUR COURSE ADVISORS

1. Price for the first year of the course (per 90 credit points)
2. Price for full course duration (per 60 credit points)

ACADEMIC REQUIREMENTS

BEFORE YOU CAN ENROL IN YOUR COURSE, YOU NEED TO MEET OUR ACADEMIC AND ENGLISH LANGUAGE REQUIREMENTS

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

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.

ENGLISH LANGUAGE REQUIREMENTS

We're proud to welcome students from all over the world to La Trobe. To help you succeed academically, we have minimum English language requirements based on the the International English Language Testing System (IELTS) system. However, some courses may need a higher level of English language proficiency than these minimum scores.

We may also consider other factors when assessing if you meet the language requirements, such as whether you have studied or worked in an English-speaking country.

Accepted alternatives to IELTS

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	NA	IELTS Overall 7.5, no band less than 7.0
Pearson Test of English (Academic) (PTE)	Pearson Test of English (PTE) Overall score of 50 with no communicative skill score less than 50	Pearson Test of English (PTE) Overall score of 58 with no communicative skill score less than 50	Pearson Test of English (PTE) Overall score of 65 with no communicative skill score less than 58	Overall score of 65 with no communicative skill score less than 65	Pearson Test of English (PTE) Overall score of 73 with no communicative skill score less than 65
Test of English as a Foreign Language internet-based test (TOEFL iBT)[1]	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	191 with no less than 185 in any component	191 with no less than 185 in any component

Please note:

- Not all courses accept alternative English tests. Please confirm the international entry requirements of your preferred course on our website.
- Where you have results from more than one of these English language tests, only your most recent single achievement will be considered in our admission decision.
- If you successfully complete a La Trobe course and intend to apply for professional registration in Australia, you may need to meet the relevant accrediting agency's English language standard.
- Your evidence demonstrating English language proficiency must be no older than two years, unless stated otherwise. La Trobe University reserves the right to require that any applicant completes an English language test.
- IELTS One Skill Retake (OSR) allows test takers to retake one of the four test components in either reading, writing, speaking or listening (once only). For Australian student visas, the Department of Home Affairs accept IELTS test results that include OSR, with the exception of applications for subclasses 476, 482, and 485 that require scores from a single attempt.

1. TOEFL iBT must have been taken prior to 26 July 2023. Until further notice, TOEFL no longer offer tests for Australian student visas.

FEES

TUITION FEES ARE THE PRIMARY COST OF STUDYING ONE OF OUR COURSES. THEY ARE DIFFERENT FOR EVERY COURSE AND ARE BASED ON YOUR STUDY LOAD

You can find indicative annual fees 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.

HOW TO APPLY

WE CAN'T WAIT TO WELCOME YOU TO LA TROBE. WHEN YOU'RE READY TO APPLY, WE'RE HERE TO HELP YOU WITH EVERY PART OF THE PROCESS – FROM HELPING YOU FIND THE RIGHT COURSE TO PREPARING YOU FOR DAY ONE.

1. CHOOSE YOUR COURSE

Find a course in this guide, then head online to find out all the details.

Want to speak to someone about which course is right for you? We're here to help: latrobe.edu.au/international/contact

2. CHECK THE ENTRY REQUIREMENTS

Make sure you understand your course's entry requirements, including academic and English language requirements.

This guide lists indicative requirements for our courses. If you know the course you want to study, check its full entry requirements online: latrobe.edu.au/international/study

FIND AN AGENT

Want some extra support? Our authorised agents can help you with advice and information on the application process.

Find an authorised La Trobe University agent here: latrobe.edu.au/international/contact/agent-finder

3. CHECK YOUR PATHWAY OPTIONS

Need support to meet your course's entry requirements? We offer English language and pathway programs through our on–campus provider La Trobe College Australia: latrobe.edu.au/study/apply/pathways/international

4. GET YOUR DOCUMENTS READY

You'll need to scan and upload your documents to the International Online Application System. The documents required include:

– copies of your academic qualifications in your language and in a certified English translation. You'll need to submit your originals or certified copies of academic qualifications when you accept your offer.

– evidence of your English language proficiency

– any other information specified in the entry requirements for your course

– your course syllabus, if you're applying for advanced standing (credit)

– copy of passport

– current visa (if applicable)

– any additional forms required.

If you need help completing your application and would like to be in touch with one of our team members, please don't hestitate to contact us via our website at latrobe.edu.au/international/contact/question.

5. SUBMIT YOUR APPLICATION

We accept applications throughout the year. Our International Online Application System can be accessed here: student–latrobe.studylink.com

La Trobe University requires students from certain regions to apply via an authorised agent. If you are unsure whether you will need to apply via an agent or not, please submit an online enquiry on our website at: latrobe.edu.au/international/contact/question.

If you need any help completing your online application as a direct student, or have any questions about the process, we're always here to help.

6. ACCEPT YOUR OFFER

Once we've assessed your eligibility, if you're successful, we'll provide you with a letter of offer and offer acceptance form. We'll also provide a guide on the next steps to accept your place in your course. Learn more here: latrobe.edu.au/study/apply/international/accepting–offer

7. PREPARE FOR STUDY AT LA TROBE

Our International Student Services team will help you prepare for study, and when it's time to join us on campus, they'll help you get ready for life in Australia. Here's how: latrobe.edu.au/international/prepare

STUDENT SUPPORT

WE'RE THERE FOR YOU EVERY STEP OF THE WAY WITH ADVICE, INFORMATION AND SERVICES.

Our International Student Support team are here to help you feel at home at La Trobe University – whether you're living in Australia or studying online – and to support you to succeed in your studies.

BEFORE YOU ARRIVE IN AUSTRALIA

Pre-departure

Once you've accepted your offer, we'll contact you about how to complete your pre-arrival online enrolment. If you have questions along the way, we're here to support you.

Our Welcome to La Trobe website has all the information you need to prepare for your arrival in Australia, from an extensive pre-departure checklist to a comprehensive Living in Australia webinar, which covers valuable information regarding accommodation, transport, food, working, health services and staying safe.

Check it out at latrobe.edu.au/international/welcome

Entering Australia

Information regarding the requirements to enter Australia is found on the Department of Home Affairs website. It is your responsibility to read and follow the requirements of the Australian Government.

ONCE YOU ARRIVE IN AUSTRALIA

Orientation and checking in

The start of the semester orientation is full of important sessions and social activities. It's also a chance to make new friends and get your first taste of campus life. For more advice and tips, you can choose to connect with a La Trobe Leader for peer support.

Learn more at latrobe.edu.au/international/prepare/arrival

While at campus, we also invite you to come visit us at our welcome zone at Ask La Trobe. This is the best way to meet our team face-to-face and get your questions answered before starting your studies at La Trobe.

THROUGHOUT THE DURATION OF YOUR STUDIES

Student advising

Career support

Personal support

Connect with students

Always available

We'll stay connected with you for the entire time you're at La Trobe. We even have a 24-hour student support hotline where we can help you with anything you may be concerned about.

Learn more at latrobe.edu.au/international/life/safety

SCHOLARSHIPS

WE KNOW THAT INTERNATIONAL STUDY IS A BIG DECISION. THAT'S WHY WE HAVE DESIGNED OUR RANGE OF SCHOLARSHIPS TO GIVE YOU THE SUPPORT YOU NEED. WHETHER YOU ARE INTERESTED IN UNDERGRADUATE AND POSTGRADUATE COURSEWORK OR POSTGRADUATE RESEARCH, THERE'S A LA TROBE SCHOLARSHIP FOR YOU.

LA TROBE HIGH ACHIEVER SCHOLARSHIPS

Do you have an excellent academic record? La Trobe High Achiever Scholarships are awarded to high-achieving international students and provide up to a 25% reduction in course fees for selected courses. Find out more: **latrobe.edu.au/international/fees/scholarships**

POSTGRADUATE RESEARCH SCHOLARSHIPS

We offer a wide range of postgraduate research scholarships. To find out more about applying for a research degree, and the scholarships available to you, visit: **latrobe.edu.au/study/apply/international/research**

LA TROBE
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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

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