LA TROBE UNIVERSITY
AUSTRALIA

INTERNATIONAL

SCIENCE

latrobe.edu.au/international

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

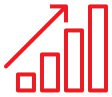
We're in the top 1% of universities and ranked in the global top 250 universities.[2]

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 includes:

medibank

Olivia Newton-John Cancer Wellness & Research Centre

INDUSTRY PLACEMENTS

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:

CAREER READY INDUSTRY EXPERIENCE

Don't have room in your degree for an elective?
The Career Ready Industry Experience is a 2-3 week industry experience that doesn't count toward your total course credit points. You'll choose a project in your area of interest 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 and are available at any stage of your course.

GET REAL WITH INDUSTRY

IF YOU'RE LOOKING TO START YOUR CAREER IN AN IN-DEMAND INDUSTRY, SCIENCE SHOULD BE ONE OF 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.

17.9%

The Professional, Scientific and Technical Services industry is projected to grow by 17.9% by 2033.[1]

19.7%

The demand for Natural and Physical Science Professionals is expected to rise by 19.7% by 2033.[1]

$1934–$2004

is the median weekly earnings for Agriculture and Forestry, Life, and Medical Laboratory Scientists - which is higher than the national median earnings of $1697 per week.[1]

CAREER READY ADVANTAGE AWARD

THE CAREER READY ADVANTAGE AWARD IS OUR SECTOR-LEADING EMPLOYABILITY PROGRAM THAT ENCOURAGES STUDENTS TO DEVELOP THE SKILLS AND EXPERIENCES HIGHLY VALUED BY EMPLOYERS.

Students can achieve up to three Career Ready Advantage Awards – silver, gold and platinum, based on completion of a minimum number of activities. The program is structured in three parts, with students required to complete four professional learning experiences, two practical experiences, and three career portfolio exercises for each level of the award.

ELISE
Bachelor of Laws/Bachelor of Science

"LA TROBE HAS PROVIDED ME WITH MANY OPPORTUNITIES AND DIVERSE KNOWLEDGE TO HELP ME SUCCEED IN MY FUTURE ASPIRATIONS.

I HAVE FOUND THE UNIVERSITY TO BE EXTREMELY SUPPORTIVE TOWARDS THE INDIVIDUAL. ALL MY TUTORS HAVE HELPED ME STRIVE TO UNDERSTAND THE WORLD AROUND ME AND THE MANY OPPORTUNITIES AVAILABLE TO MAKE A DIFFERENCE."

1. Australian Government, 2024, *Labour Market Insights*

SCIENCE

When you study science at La Trobe, you'll choose from an extensive range of majors, minors and electives, and explore your area of scientific interest with course options in agriculture, animal and veterinary biosciences, biological and biomedical sciences, psychology and more.

Benefit from access to high-tech labs – including our $100 million La Trobe Institute for Molecular Science building – and work with renowned scientists as you take part in experiments and research projects that deepen our understanding of the world. You'll put knowledge into practice with opportunities for placements and internships with a wide range of industry partners, including Bayer Crop Science and AdAlta.

1. Australian Research Council, 2019, *Excellence in Research for Australia (ERA) Outcomes 2018*
2. Times Higher Education (THE), 2023, *World University Rankings 2024 by subject: life sciences*
3. Times Higher Education (THE), 2024, *Impact Rankings 2024: climate action*

BIO INNOVATION HUB

La Trobe University's Bio Innovation Hub is a newly refurbished building and purpose-built laboratory and office facility to support the growth of early-stage biotechnology and agritechnology businesses.

With access to PC2 laboratories and shared equipment, the Bio Innovation Hub focuses on working with companies on research and development within a community of leading academic researchers and skilled students supported by world-class research infrastructure.

OUR RESEARCH IS RATED 'WELL ABOVE WORLD STANDARD' IN 15 SCIENTIFIC FIELDS[1]

WE'RE RANKED IN THE WORLD'S TOP 200 FOR LIFE SCIENCES[2]

WE'RE RANKED IN THE WORLD'S TOP 50 FOR OUR EFFORTS IN ADDRESSING CLIMATE-RELATED HAZARDS, REDUCING GREENHOUSE GAS EMISSIONS AND ENHANCING ADAPTIVE CAPACITY[3]

MAX
Bachelor of Science

MANY LECTURERS WENT OUT OF THEIR WAY TO HELP ME SUCCEED. THEY WERE MORE THAN HAPPY TO DISCUSS SCIENTIFIC RESEARCH ABOVE AND BEYOND THE PRESCRIBED COURSE WORK.

THE HANDS-ON PRACTICAL CLASSES – INCLUDING DISSECTIONS, RESEARCH PROJECTS, FIELDWORK AND OFF CAMPUS EXCURSIONS – CEMENTED THE THEORY TAUGHT IN LECTURES.

MASTER OF BIOTECHNOLOGY MANAGEMENT

Our Master of Biotechnology Management helps you build a unique skillset for the future by combining biotechnology and business management expertise.

You'll be taught by leading industry experts as you examine areas such as molecular modelling software, proteomics and genomics. Gain theoretical knowledge in a range of advanced scientific technologies, including CRISPR-mediated gene editing, next generation sequencing and mass spectrometry. You'll also harness bioinformatics software programs to address biological problems.

As you learn, you'll develop valuable scientific communication and research skills, including data representation, use of scientific journals, scientific databases, writing literature reviews and presenting. You'll also build your communication, team working, problem solving and analytical skills, which experts suggest will be highly sought after by workplaces.[1]

Your studies will take place in the heart of the La Trobe Institute for Molecular Sciences (LIMS). Access world-class research facilities and laboratories devoted to biotech, biomedicine and biosecurity. Graduate ready to lead the way in vital areas such as human health, diagnostics, environmental sustainability, food security and renewable energy.

You'll learn

- **Bioinformatics**
  Apply technical skills to collect, store and analyse complex biological data, including genome and protein sequence information.
- **Principles of economics**
  Explore a variety of economic concepts and how they can be applied in real-world business and policy-making.
- **Bio-business management**
  Examine organisational structure, intellectual property, scientific reasoning, market research and ethics.
- **Sustainable management and marketing**
  Understand how the need for sustainable value creation in contemporary organisations influences management and marketing behaviour.

SAMPLE COURSE STRUCTURE

Year 1

Completion of 120 credit points including:

- 105 credit points from chosen core
- 15 credit points from chosen elective

Year 2

Completion of 120 credit points including:

- 120 credit points from chosen core

ENTRY REQUIREMENTS

Prerequisites

WAM – Weighted Average Mark (WAM) 60%

Specialisation – compulsory: Science, Bioscience, Biotechnology, Pharmacy or a related field.

Applicants must have an Australian Bachelor's degree (or international equivalent).

English language requirement

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

CAREER OPPORTUNITIES

Skilled biotechnology management professionals can find employment in a variety of roles that include:

- **Sales representative**
  Increase the market share, provide high-quality customer service and attend conferences for biotechnology businesses.
- **Project officer**
  Provide technical support for researchers and liaise with vendors, service personnel and stakeholders.
- **Clinical development officer**
  Manage clinical sites and ensure timely delivery of clinical trial enrolment.

1. Forbes, 2019, *The 10 Vital Skills You Will Need For The Future Of Work*; PwC, 2020, *10 skills you need for future employment*

MASTER OF BIOTECHNOLOGY AND BIOINFORMATICS

Learn to harness new and emerging technologies in human health, diagnostics, sustainability, food security and renewable energy.

Develop the human skills and technical expertise to launch a career in a range of exciting industries. From biological products to pharmaceuticals, agriculture to nutrition, you'll be prepared to work in the fields that rely on this fast-growing area of science.

This degree gives you more than flexibility in your career – it also gives you flexibility in how you study. In your final year, you could take an advanced bioinformatics pathway. Or you could choose the research project pathway instead, enjoying unrivalled access to industry networks and researchers in the field and benefiting from 25-30 hours of laboratory time each week.

You'll learn:

- **Bioinformatics**
  Use industry-standard bioinformatics software to address biological problems.
- **Practical biotechnology**
  Gain practical skills in PCR, cloning, protein expression, protein purification and immunoblotting laboratory techniques.
- **Scientific communication skills**
  Build your expertise in writing reports and presenting data.
- **Proteomics and genomics**
  Explore advanced technologies such as CRISPR-mediated gene editing, next generation sequencing and mass spectrometry.
- **Protein chemistry**
  Practice the laboratory techniques used in purifying and characterising protein preparations.

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 bioinformatics
- Research project.

ENTRY REQUIREMENTS

Prerequisites

Applicants must have an Australian Bachelor's degree (or international equivalent).

Specialisation - compulsory: At least two years (four semesters) of biology, including at least two semesters in any of the following areas of study at second-year level or above: biochemistry, microbiology, immunology, cell biology, genetics or biotechnology.

WAM - Weighted Average Mark (WAM) 60%

English language requirement

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

CAREER OPPORTUNITIES

Graduates will have the skills and knowledge to find employment in a range of roles, including:

- **Biotechnologist**
  Work in biopharmaceutical research and development designing products and constructing biological systems.
- **Bioinformatician**
  Collect and interpret data for a range of fields, including genetics and pharmaceutics.
- **Microbiology**
  Study microscopic life forms and processes, including their growth, interactions and characteristics.
- **Research assistant**
  Perform and analyse experiments, provide technical support to research teams and manage the day-to-day running of a laboratory.

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:

- 120 credit points from chosen core

BACHELOR OF SCIENCE

La Trobe's Bachelor of Science offers you foundational skills in science and the freedom to delve into your passions.

As you learn from leading academics and researchers, you'll take a deep dive into science, build skills in problem-solving, communication and collaboration – then use these skills to come up with innovative solutions to real-world problems.

Personalise your learning so you can spend time focusing on the areas that really interest you and learn from academics who are leaders in their fields.

You'll have opportunities to put theory into practice through work placements with our industry partners. Previous students have undertaken placements with CSIRO, Bayer Crop Science and various State and Federal Government departments.

You'll learn:

- **Professional scientific thinking**
  Learn how science contributes new knowledge and finds solutions to problems in our society.
- **Communicating as a professional scientist**
  Gain experience communicating to a range of audiences, both in written and verbal formats.
- **Lab and fieldwork skills**
  Learn how to collect data and use specialist technical skills to develop new findings in the laboratory and in the field.
- **Problem-solving and facing new challenges**
  Learn to develop solutions to complex scientific problems.
- **Collaboration and working in teams**
  Collaborate and work effectively in teams to solve problems and achieve shared goals.
- **Professional conduct and professional identity**
  Learn about ethical conduct when working as a scientific professional and how to promote and communicate your professional identity to potential employers and peers.

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.

- Applied cybersecurity
- Artificial intelligence
- Biochemistry
- Botany
- Chemistry
- Crop science
- Data science
- Ecology
- Genetics
- Human physiological sciences
- Mathematics
- Microbiology
- Molecular biology
- Pharmaceutical science
- Physics
- Psychological science
- Statistics
- Zoology

CAREER OPPORTUNITIES

After graduation, you could work in the private sector, not-for-profits, laboratories and research. You'll have the vital foundations for a wide range of careers, including:

- **Physicist**
  Apply your physics knowledge to a range of disciplines across commercial or academic research, including health, materials science, propulsion, nanotech and more.
- **Genetic lab technician**
  Analyse patient data using genetic techniques. Write assessments and reports, maintaining a high level of privacy and safety at all times.
- **Chemist**
  Conduct experiments and fieldwork to find chemistry-based solutions for your organisation's objectives. Write reports, present information and contribute to scientific literature.
- **Data scientist**
  Apply computational and analytical techniques to big data. Identify patterns, predict trends and support strategic decision-making in almost every field.
- **Microbiologist**
  Conduct research and experiments to cure diseases, improve water quality and health, or undertake other activities related to microorganisms and their interactions.

ENTRY REQUIREMENTS

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

Subject prerequisites

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

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.

SAMPLE COURSE STRUCTURE

Year 1

Completion of 120 credit points including:

- 30 credit points from chosen core
- 30 credit points from chosen major
- 30 credit points from chosen electives or major or minor
- 30 credit points from chosen electives or major or minor

Year 2

Completion of 120 credit points including:

- 30 credit points from chosen core
- 30 credit points from chosen major
- 60 credit points from chosen electives or major or minor

Year 3

Completion of 120 credit points including:

- 60 credit points from chosen major
- 60 credit points from chosen elective or major or minor

CAN'T CHOOSE ONE DEGREE? STUDY TWO.

You can pair your study in science with another discipline through a double degree. Why not study computer science, global studies or law as well? You could more than double your career opportunities.

BACHELOR OF BIOLOGICAL SCIENCES

La Trobe's Bachelor of Biological Sciences gives you a strong scientific grounding plus the flexibility to specialise in an area that interests you.

Start with the basics. Build foundational skills in biology, chemistry, ecology and biodiversity, and explore the impacts of infection, epidemics and pandemics. You'll start practical classes from your first year – both in our on-campus labs and facilities, and out in the field. Get a glimpse into your professional future in science with industry-led workshops and seminars, as well as opportunities for work placements.

All the way through your degree, you'll be building fundamental skills in experimental design, analysis, data interpretation and reporting. At the same time, you'll develop your expertise in problem-solving, teamwork, written and verbal communication, and data presentation – skills that will serve you throughout any career you pursue.

You'll learn:

- **Animal, plant and microbial biology**
  Understand the fundamentals of biology as well as the structure and function of living organisms, their life processes and diversity.
- **Data analysis and communication**
  Explore experimental design issues and statistics to analyse data from experiments. Learn to effectively present information and data to different audiences.
- **Foundations of chemistry**
  Understand atomic and molecular structures, chemical reactions and organic and physical chemistry and apply these principles to further study and employment.
- **Infections, epidemics and pandemics**
  Discover how infections can threaten human wellbeing and the strategies available to prevent and cure disease.
- **Professional conduct and identity**
  Learn about ethical conduct when working as a scientific professional and how to promote and communicate your professional identity to potential employers and peers.

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.

- Biochemistry
- Botany
- Ecology
- Genetics
- Human physiological sciences
- Microbiology
- Zoology.

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.

CAREER OPPORTUNITIES

La Trobe graduates have found work in lab and field-based settings, including private industry, research institutes, and local and state government organisations. Possible roles include:

- **Biological scientist**
  Examine plants, animals and microbes to better understand their natural biological processes and impact on the environment.
- **Microbiologist**
  Investigate the growth, structure development and other characteristics of microscopic organisms such as bacteria, algae and fungi. Undertake laboratory analysis and monitor microbial cultures, samples and new drugs.
- **Environmental consultant**
  Provide expert assessment and advisory services to clients on matters related to the management of environmental issues.
- **Biosecurity officer**
  Develop and deliver robust legislation, policies, systems and processes to support our biosecurity system.
- **Geneticist**
  Research and study the inheritance of traits at the molecular, organism or population level.

SAMPLE COURSE STRUCTURE

Year 1

Completion of 120 credit points, including:

- 90 credit points from chosen core
- 30 credit points from chosen major

Year 2

Completion of 120 credit points, including:

- 30 credit points from chosen core
- 30 credit points from chosen major
- 30 credit points from chosen electives or major or minor
- 30 credit points from chosen electives or major or minor

Year 3

Completion of 120 credit points, including:

- 60 credit points from chosen major
- 60 credit points from chosen electives or major or minor

BACHELOR OF BIOMEDICAL SCIENCE

La Trobe's Bachelor of Biomedical Science is ideal for students interested in human biology and allows you to tailor the degree toward your career interests. Combining the fields of biology and medical science, you'll open doors to careers across high-demand sectors including education, healthcare, media and research.

In your first year, develop fundamental knowledge in areas across chemistry, bioscience and health, with an additional focus on psychology and how to work with individuals in health and human services settings.

In your second year, build on these foundations with advanced topics in biomedical sciences that underpin your knowledge across chemistry, metabolic biochemistry, pharmacology and the growing need for expertise in immunology.

In your third and final year, deepen your expertise across topics including applied immunology, cancer research, response to infectious disease, and cardiovascular and neurological systems. You can also choose to put your learning into practice with an elective placement.

ENTRY REQUIREMENTS

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

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.

CAREER OPPORTUNITIES

Studying biomedical science can provide you with career opportunities across a range of health-related areas. Depending on your interests you may find employment in:

- Biomedical, biotechnology and pharmaceutical industries
- Medical sales
- Education
- Media and communications
- Hospital and government departments.

BACHELOR OF ANIMAL AND VETERINARY BIOSCIENCES

With La Trobe's Bachelor of Animal and Veterinary Biosciences, you can turn your love of animals into a fulfilling career.

Study the basics of animal science, including breeding, nutrition and animal welfare. You'll also delve into global issues such as food security, epidemics and pandemics, and the environmental impacts of animal agriculture. In later years you'll explore animal psychology, biochemistry and immunology.

You'll get the opportunity to learn:

- **Animal science**
  Build important foundations in all aspects of animal science, including animal health, nutrition, physiology, welfare, reproduction and management.
- **Microbiology**
  Learn about microorganisms, how they live, how they work and how they cause disease.
- **Metabolic biochemistry**
  Become familiar with the underlying biochemical processes that occur in animals, including those used to generate energy to maintain body function.

ENTRY REQUIREMENTS*

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

PROFESSIONAL RECOGNITION

Graduates of the Bachelor of Animal and Veterinary Biosciences may apply for membership with Ag Institute Australia. Membership may be subject to additional or ongoing requirements beyond completion of the degree. Please contact the relevant professional body for details.

CAREER OPPORTUNITIES

Depending on the electives you choose, you could pursue a career as a:

- **Conservation scientist**
  Use your knowledge to protect wildlife and improve land usage for governments, farmers and other stakeholders.
- **Microbiologist**
  Study bacteria, viruses and fungi to understand how they contribute to health and sickness in animals.
- **Animal health officer**
  Inspect facilities to ensure animal health, sanitation and wellbeing. This may include livestock markets, hatcheries, pet stores, animal quarantines, labs and feedlots.
- Animal biosecurity officer
  Protect the economy, human health and the environment from problems associated with pests and diseases of animals and residues in animal products.

SCIENCE COURSES

AGRICULTURAL, ENVIRONMENTAL & BIOLOGICAL SCIENCES

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Agriculture First majors:[2] Agribusiness | Animal science | Plant and soil science	115616A	Melbourne	Sem 1	3 years	43 000
Bachelor of Animal and Veterinary Biosciences	060348G	Melbourne	Sem 1	3 years	42 000
Bachelor of Biological Sciences First majors:[2] Biochemistry | Botany | Ecology | Genetics | Microbiology | Zoology	006171K	Melbourne	Sem 1, Sem 2	3 years	41 000
Bachelor of Science First majors:[2] Biochemistry | Botany | Crop science | Ecology | Genetics | Microbiology | Molecular biology | Zoology	022039C	Bendigo, Melbourne	Sem 1, Sem 2	3 years	41 000
Bachelor of Veterinary Nursing	096716C	Epping[3]	Sem 1	3 years	42 000
Bachelor of Wildlife and Conservation Biology	103743D	Melbourne	Sem 1	3 years	42 000

BIOMEDICAL, MEDICAL & PSYCHOLOGICAL SCIENCES

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Arts First majors:[2] Psychological science	002080A	Melbourne	Sem 1, Sem 2	3 years	34 000
Bachelor of Biological Sciences First majors:[2] Biochemistry | Genetics | Human physiological sciences | Microbiology	006171K	Melbourne	Sem 1, Sem 2	3 years	41 000
Bachelor of Biomedical Science	062549E	Albury-Wodonga, Bendigo	Sem 1, Sem 2	3 years	42 400
Bachelor of Biomedicine First majors:[2] Cancer, heart and brain disease | Immunology and infectious diseases | Molecular and cellular biochemistry | Physiology and pharmacology	114827J	Melbourne	Sem 1	3 years	42 400
Bachelor of Health Sciences First majors:[2] Allied health | Food and nutrition | Health, wellbeing and performance | Psychological science | Rehabilitation counselling	062598G	Melbourne	Sem 1, Sem 2	3 years	38 800
Bachelor of Pharmacy (Honours)	069561G	Bendigo	Sem 1	4 years	47 400
Bachelor of Psychological Science	002915G	Albury-Wodonga, Bendigo, Melbourne	Sem 1, Sem 2	3 years	40 000
Bachelor of Science First majors:[2] Biochemistry | Genetics | Human physiological sciences | Microbiology | Molecular biology | Pharmaceutical science	022039C	Bendigo, Melbourne	Sem 1, Sem 2	3 years	41 000
Bachelor of Sport and Exercise Science	095558J	Bendigo, Melbourne	Sem 1	3 years	40 400

POSTGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Master of Biotechnology and Bioinformatics	049585K	Melbourne	Sem 1, Sem 2	2 years	42 400
Master of Biotechnology Management	091417K	Melbourne	Sem 1, Sem 2	2 years	42 400

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Computer Science First majors:[2] Artificial intelligence | Cloud analytics | Data science | Software engineering	022037E	Melbourne	Sem 1, Sem 2, Term 6	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 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 Information Technology Specialisations: Artificial intelligence | Cloud analytics | Cybersecurity | Internet of things | Networking | Quantum informatinon technology | 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

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.

DATA SCIENCE, MATHEMATICS & STATISTICS

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
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] Cloud analytics | Data science	022037E	Melbourne	Sem 1, Sem 2, Term 6	3 years	39 600
Bachelor of Information Technology First majors:[2] Cloud analytics | Data science	049940G	Melbourne, Sydney	Sem 1, Sem 2, Term 6	3 years	39 600
Bachelor of Science First majors:[2] Data science | Mathematics | Statistics	022039C	Bendigo, Melbourne	Sem 1, Sem 2	3 years	41 000

POSTGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
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 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 Sport Analytics	103840C	Melbourne	Sem 1	2 years	40 800

PHYSICAL SCIENCES

UNDERGRADUATE	CRICOS	LOCATION	START[1]	DURATION	$
Bachelor of Biological Sciences First majors:[2] Biochemistry	006171K	Melbourne	Sem 1, Sem 2	3 years	41 000
Bachelor of Biomedical Science	062549E	Albury-Wodonga, Bendigo	Sem 1, Sem 2	3 years	42 400
Bachelor of Biomedicine First majors:[2] Physiology and pharmacology	114827J	Melbourne	Sem 1	3 years	42 400
Bachelor of Pharmacy (Honours)	069561G	Bendigo	Sem 1	4 years	47 400
Bachelor of Science First majors:[2] Biochemistry | Chemistry | Genetics | Pharmaceutical science | Physics	022039C	Bendigo, Melbourne	Sem 1, Sem 2	3 years	41 000

DOUBLE DEGREES

Double your employability and truly find your niche – pair your science degree with a degree from another discipline. Prerequisites and other entry requirements vary for double degrees. Your choice of majors, minors and specialisations 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 Arts / Bachelor of Health Sciences	025959E	Melbourne	Sem 1, Sem 2	4 years	38 800
Bachelor of Arts / Bachelor of Science	106838F	Melbourne	Sem 1, Sem 2	4 years	41 000
Bachelor of Commerce / Bachelor of Biomedicine	116675D	Melbourne	Sem 1, Sem 2	4.5 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 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 Criminology / Bachelor of Psychological Science	096350F	Bendigo, Melbourne	Sem 1, Sem 2	4 years	40 000
Bachelor of Laws (Honours) / Bachelor of Biomedicine	106402A	Melbourne	Sem 1, Sem 2	5 years	42 000
Bachelor of Laws (Honours) / Bachelor of Psychological Science	106403M	Bendigo, Melbourne	Sem 1, Sem 2	5 years	42 000
Bachelor of Laws (Honours) / Bachelor of Science	107092B	Melbourne	Sem 1, Sem 2	5 years	42 000
Bachelor of Nursing / Bachelor of Psychological Science	113662M	Albury-Wodonga, Bendigo, Melbourne	Sem 1	4 years	42 200

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 Agriculture (Agribusiness). **Availability of majors and specialisations varies by location and intake. See the La Trobe website for details.**
3. Melbourne Polytechnic, Epping Campus.

GOT QUESTIONS? CONTACT OUR COURSE ADVISORS

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.

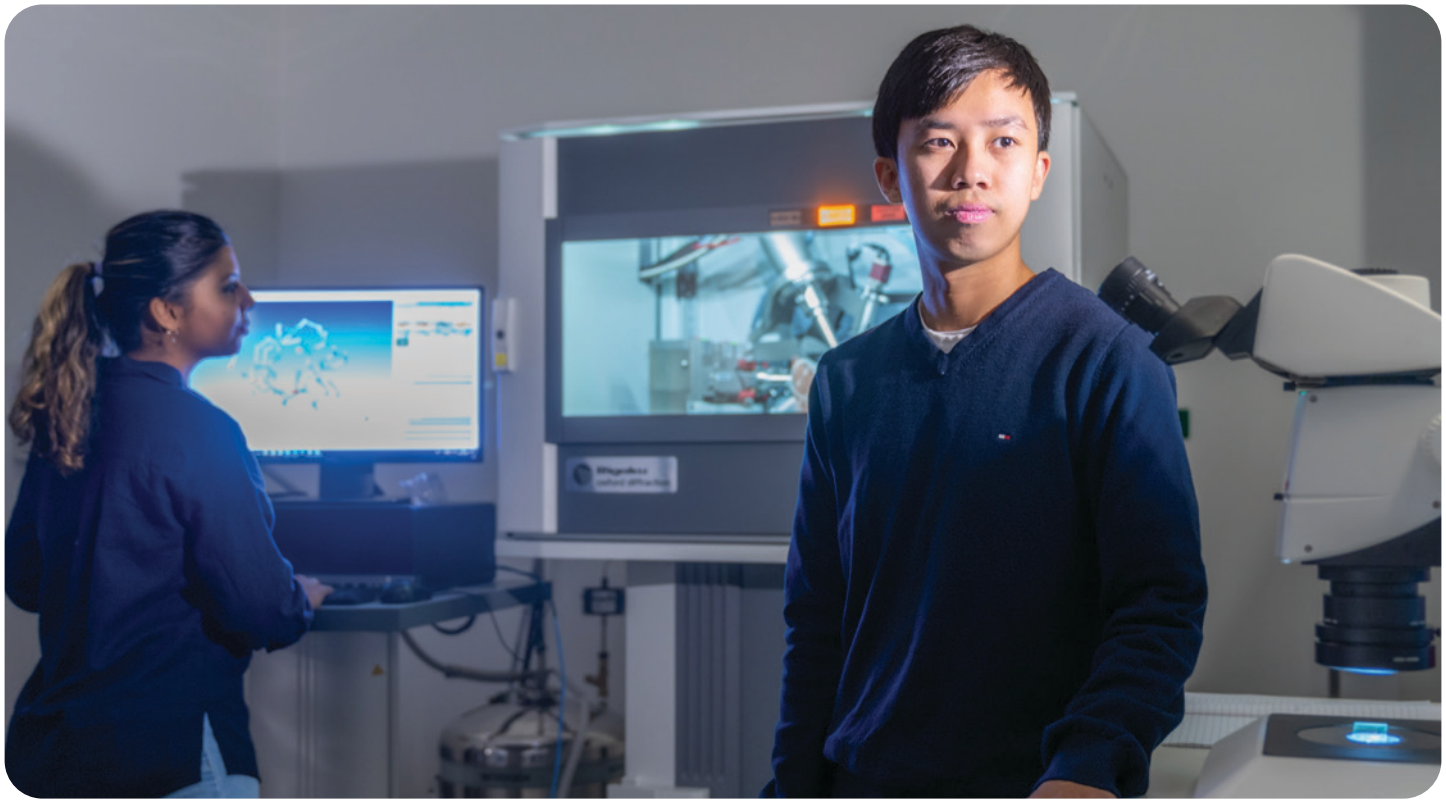
You may also need to pay other course costs, such as field trips or buying equipment. If a course requires you to pay additional costs, it will be outlined in the 'fees and scholarships' section on your course page.

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.



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.

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.

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

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
La Trobe University

Weibo
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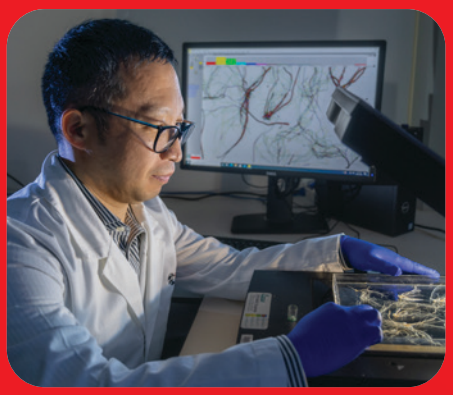
X
@latrobe

Facebook
La Trobe University



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