

Master of Information Technology



Advance your digital future.

Information technology (IT) has become a fundamental part of almost every industry. Fast-track your career with a degree co-designed with – and accredited by – the Australian Computer Society (ACS). 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 growth areas, including:¹

- Artificial intelligence
- Cloud analytics
- Cybersecurity
- Digital health
- Digital media
- Networking
- Software engineering.



Course details

CRICOS
037928B

Location/ course code	Intake
Melbourne (SMIT)	Semester 1 (February 2022) Semester 2 (July 2022) Summer (November 2022)
Bendigo (SMITB)	Semester 1 (February 2022) Semester 2 (July 2022)

Annual tuition fee
A\$37 200 per 120 credit points.²

Duration
2 years full-time

Academic entry requirements

At a minimum, you’ll need an Australian Bachelor’s degree in any discipline or an approved equivalent qualification.

Advanced standing

Advanced standing may be available for subjects completed equivalent to Australian Honours year level or the completion of La Trobe Graduate Diploma in Information Technology or Computer Science. Students applying for exemption must provide details of the curriculum from the course handbooks together with a copy of their academic transcript.³

IELTS
6.5/6.0

Full details at: latrobe.edu.au/int-smit

Scholarships

From tuition fee reductions to cash grants, we’ve increased the range of scholarships we offer. Discover the La Trobe scholarship for you: latrobe.edu.au/int-scholarships

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.

Learn more: latrobe.edu.au/int-smit



We’re

‘well above world standard’
for our research in information systems.⁴



LA TROBE
UNIVERSITY
AUSTRALIA

1. Specialisations may vary across campuses.
2. 120 credit points represents full-time study for one year.
3. Advanced standing is available from Semester 1 2022.
4. Australian Research Council, 2019, *Excellence in Research for Australia (ERA) Outcomes 2018*.



La Trobe is in the
top 1%
of universities worldwide⁵

La Trobe is in the
top 50
universities across
East Asia, South-East
Asia and Oceania⁶

1. Build advanced skills in programming and design

You'll learn:

- **Database, networks and programming:** Gain essential skills in programming, mobile app development, logic and data structures, and computer architecture.
- **Software engineering and intelligent systems:** Develop your software engineering skills and learn full stack web development, including front end and software development.
- **Internet computing:** Learn cloud computing, programming languages and system design.
- **IT-related logical thinking:** Improve your Java knowledge and skills for programming, algorithms and data structures that work.

2. Carve your unique path

Get a degree that's been co-designed and accredited by the Australian Computer Society (ACS). In this flexible degree, you'll specialise in a high-growth area of IT – choose from cloud analytics, networking, artificial intelligence, cybersecurity, digital health, software engineering and digital media.⁷

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

- **Senior programmer:** Use your extensive knowledge of programming languages to engineer solutions in artificial intelligence, cloud computing, smart systems, software programs and more.
- **Network engineer:** Design, organise, configure and troubleshoot networks. Design and maintain equipment for voice and data.
- **Full stack developer:** Administer the front end, back end and server side of websites and IT systems.
- **IT administrator:** Design, maintain and manage IT systems within a wide range of organisations and businesses.
- **ICT security specialist:** Use your broad technical knowledge in cybersecurity to maintain, improve and uphold cybersecurity IT systems for your organisation.

3. Gain industry experience

- Study a course that's **co-designed with industry** and **taught by experts** in their fields.
- Get **hands-on experience** in our specialist facilities, including the state-of-the-art CISCO labs, and through our partnerships with CISCO and Microsoft.
- An **industry development project** or **work-based placement** will cement your learning and prepare you to launch your career.
- Alternatively, if you have a research career in your sights, you can pursue an **applied research project** or an **industry-based thesis**.

5. Times Higher Education (THE), 2021, *World University Rankings 2022*; Consejo Superior de Investigaciones Científicas (CSIC), 2020, *Ranking Web of Universities*.
6. Times Higher Education (THE), 2019, *Best universities in the Asia-Pacific region 2019*.

Disclaimer: The information contained in this publication is indicative only. While every effort is made to provide full and accurate information at the time of publication, the University does not warrant the currency, accuracy or completeness of the contents. The University reserves the right to make changes without notice, at any time in its absolute discretion, including but not limited to varying admission or assessment requirements, or varying or discontinuing any course or subject. To the extent permitted by law, the University does not accept responsibility for any loss or damage occasioned by use of any of the information contained in this publication. For course information updates, please visit: latrobe.edu.au

La Trobe University is a registered provider under the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).
CRICOS Provider 00115M. Published by La Trobe University, October 2021.