

Information Technology

Drive change at the cutting-edge

Drive change at the cutting-edge with continuous advances in information technology, the opportunities to progress in areas such as health, transport, finance, entertainment, science, energy, education and manufacturing are virtually limitless.

Thanks to our impressive breadth of content, an IT qualification from Federation University will give you the advanced skills, knowledge and confidence to work across all these sectors.

Study with us and you'll also benefit from our strong connections and industry placement programs – designed to give you the support and experience you need to either get started or rise up in one of the most progressive industries in the world.

Industry accreditation

Our IT degrees and specialisations have been developed alongside trends and changes in the industry and in accordance with the Australian Computer Society's accreditation standards.

Professional Practice

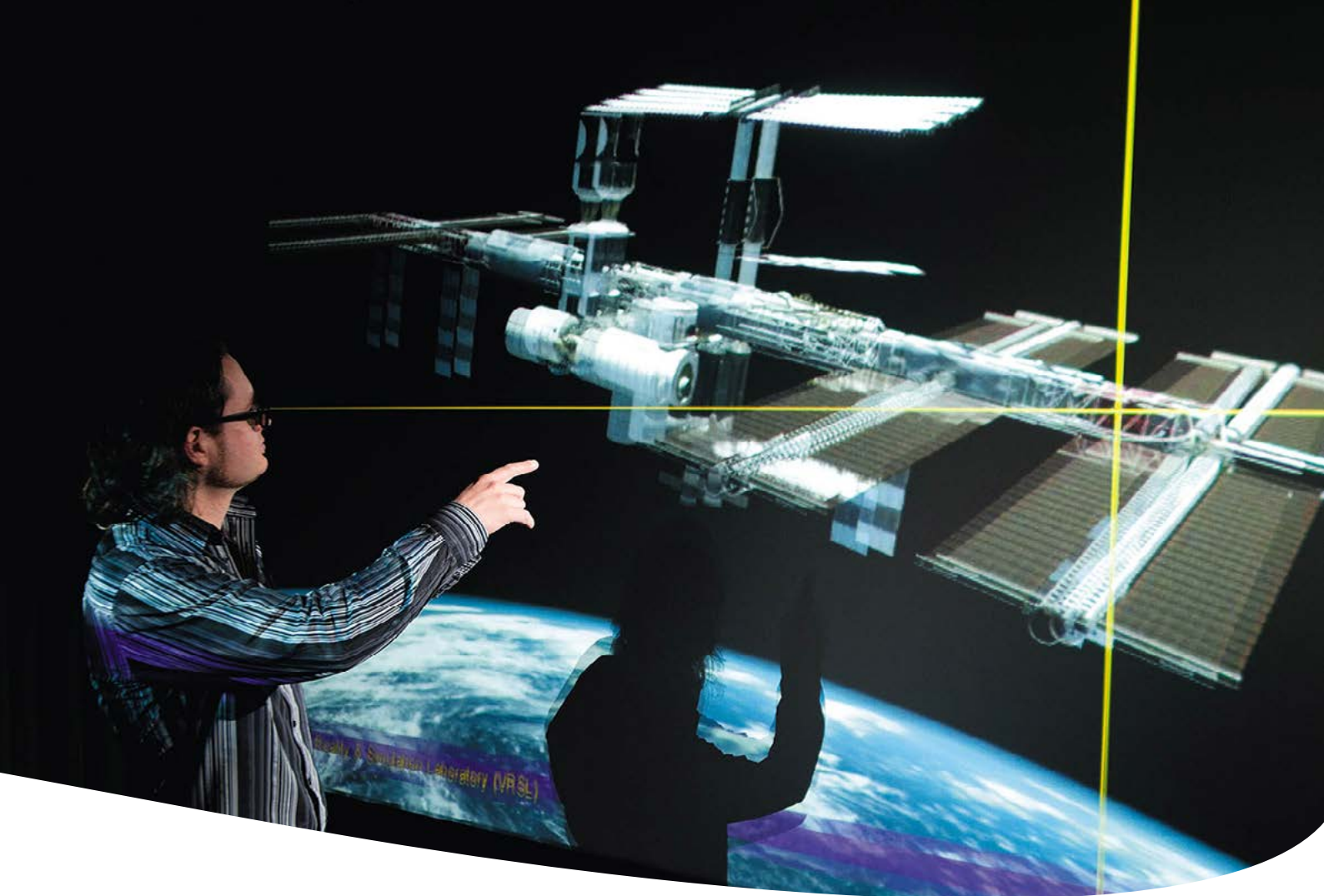
International students who achieve highly in the first year of one of our Bachelor of IT degrees can apply to transfer to the Bachelor of IT (Professional Practice) course in their second year. This four year degree includes extensive internships at IBM offices in the Ballarat Technology Park. Successful applicants receive a scholarship of \$42,000 over their final two years and graduate with valuable, hands on industry experience and an established network of industry contacts. Fast track options to complete over three or three and a half years are available.

Technology Park

We have the largest Technology Parks of any university in Australia, hosting more than 64 enterprises, including global companies such as IBM. A new Hi-tech precinct is also under construction near our Gippsland Campus, furthering the reach of our collaboration with business and the community. Our Tech Parks foster research partnerships and give our students access to internships, industry-based learning programs and graduate employment opportunities.

"My degree was a great experience, especially the IBM internship. I worked at IBM around 15 hours a week. I focused on technical support and hardware monitoring, and the subjects I studied in my degree were closely related to the work. For example, Federation has a unique module in Mainframe Systems and Services, and I was able to use my theoretical skills on the IBM mainframe itself."

Hoang Nguyen, Vietnam
Bachelor of Information Technology
(Professional Practice)



STUDY LEVEL		LOCATION	DURATION (YEARS)	ANNUAL FEES
INFORMATION AND TECHNOLOGY				
U	Bachelor of Information Technology	🌟 Ballarat 🌟 Berwick 🌟 Gippsland 🌟 Brisbane 🌟 Online	3	\$24,700
U	Bachelor of Information Technology (Big Data and Analytics)	🌟 Ballarat 🌟 Berwick 🌟 Online	3	\$24,700
U	Bachelor of Information Technology (Business Information Systems)	🌟 Ballarat 🌟 Online	3	\$24,700
U	Bachelor of Information Technology (Cloud and Enterprise Computing)	🌟 Ballarat	3	\$24,700
U	Bachelor of Information Technology (Games Development)	🌟 Ballarat 🌟 Online	3	\$24,700
U	Bachelor of Information Technology (Networking and Security)	🌟 Ballarat	3	\$24,700
U	Bachelor of Information Technology (Professional Practice)	🌟 Ballarat	4	\$24,700
U	Bachelor of Information Technology (Software Development)	🌟 Ballarat	3	\$24,700
P	Bachelor of Science (Honours)	🌟 Ballarat 🌟 Gippsland	1	\$28,200
P	Graduate Diploma of Technology (Enterprise Systems and Business Analytics)	🌟 Ballarat	1.5	\$26,500
P	Graduate Diploma of Technology (Software Engineering)	🌟 Ballarat	1.5	\$26,500
P	Master of Applied Cyber Security	🌟 Ballarat	2	\$26,500
P	Master of Technology (Enterprise Systems and Business Analytics)	🌟 Ballarat 🌟 Brisbane	2	\$26,500
P	Master of Technology (Software Engineering)	🌟 Ballarat 🌟 Brisbane	2	\$26,500
	U Undergraduate bachelor degree	🌟 Online Learning is only available for international students not studying on student visas		
	P Postgraduate studies			

Bachelor of Information Technology

Develop strong communication, academic and problem solving skills – critical attributes for success in the IT sector. Learn programming skills to facilitate smooth communication with software developers explore web design, systems modelling and user experience. Participate in our professional engagement course for the opportunity to network and enhance your knowledge of the IT industry.

LOCATION Mt Helen Campus (Ballarat), Berwick Campus (Melbourne), Gippsland Campus (Churchill), Brisbane Campus (Queensland), Online/Off-campus			
INTAKE February, March, July, November			
DURATION 3 years	CRICOS 074009A	ANNUAL FEE \$24,700	
ENTRY REQUIREMENTS Successful completion of Australian Year 12, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Bachelor of Information Technology (Big Data and Analytics)

There is a real need for people who have the skills to identify, interpret and analyse trends from collected data. Study areas such as information and data analysis, allowing you to discover and quantify patterns using statistics, statistical inference, regression analysis and machine learning. Develop technical knowledge on a range of topics including statistics, statistical inference, high performance computing and visualisation.

LOCATION Mt Helen Campus (Ballarat), Berwick Campus (Melbourne), Online/Off-campus			
INTAKE February, July	DURATION 3 years	CRICOS 092056M	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Bachelor of Information Technology (Business Information Systems)

Harness technology to help organisations achieve a competitive advantage. Develop skills in business processes and study subjects in data and information management, enterprise systems and business intelligence. You'll explore information security, multimedia, knowledge management, databases and emerging technologies in business.

LOCATION Mt Helen Campus (Ballarat), Online/Off-campus			
INTAKE February, July	DURATION 3 years	CRICOS 092106F	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Bachelor of Information Technology (Cloud and Enterprise Computing)

Learn about world class hardware and operating systems that can support thousands of workloads concurrently. Cloud computing is a critical component of modern business operations. Develop skills in modelling and design, analysis and deployment and be highly sought after by medium and large enterprises including banks, financial institutions, healthcare providers, insurance companies, defence forces and service organisations.

LOCATION Mt Helen Campus (Ballarat)		INTAKE February, July
DURATION 3 years	CRICOS 092057K	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.		
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).		

Courses, costs and locations are subject to variation.

For the most up to date information, visit study.federation.edu.au

CRICOS Provider No. 00103D



Bachelor of Information Technology (Games Development)

Games developers design, create and produce computer and video games and other graphically based software. Gain a solid understanding of game technologies including programming, applied maths, computer graphics and game engines. Work in development teams as an artist, programmer, producer or animator, creating detailed design plans, preparing and designing graphics, animations and images for editing and testing.

LOCATION Mt Helen Campus (Ballarat), Online/Off-campus			
INTAKE February, July	DURATION 3 years	CRICOS 092107E	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12 with final-year mathematics courses, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Bachelor of Information Technology (Networking and Security)

Investigate how security breaches occur, how private information is vulnerable and ways to protect it. Delve into networks, their protocols and hardware and investigate how these systems can be vulnerable to a malicious attack. Learn how to defend business, government and individual's databases which hold sensitive data.

LOCATION Mt Helen Campus (Ballarat)			
INTAKE February, July	DURATION 3 years	CRICOS 092055A	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12 with final-year mathematics courses, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Courses, costs and locations are subject to variation.
For the most up to date information, visit study.federation.edu.au

CRICOS Provider No. 00103D

Bachelor of Information Technology (Professional Practice)

Combine study and practical industry experience. Receive a scholarship of \$42,000 over the final two years of this degree as you study and undertake 1600 hours of work integrated learning with IBM® in Ballarat. Second and third year subjects are aligned with your agreed industry focus area in either software development, cloud or mainframe. This is a four year degree however fast track options are available and encouraged.

LOCATION Mt Helen Campus (Ballarat)		INTAKE February
DURATION 4 years	CRICOS 049564D	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12 with final-year mathematics courses; or overseas equivalent. This program is offered to international students by alternate entry only. International students should enrol in the Bachelor of Information Technology; and then after one or more semesters with excellent results, the University may invite them to undertake an interview to transfer into the Bachelor of Information Technology (Professional Practice). Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.		
OTHER REQUIREMENTS Students must meet IBM® Graduate recruitment requirements and be eligible to work in Australia.		
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).		

Bachelor of Information Technology (Software Development)

This degree gives you the opportunity to learn new programming languages, architecture and paradigms to create new software applications. You will complete subjects in dynamic web development, data structures and algorithms and agile coding. Graduates may be involved in software release and post-release activities, including product launches, and implementation roles such as installation, configuration, programming/customisation, integration and data migration.

LOCATION Mt Helen Campus (Ballarat)		INTAKE February
Duration 3 YEARS	CRICOS 092108D	ANNUAL FEE \$24,700
ENTRY REQUIREMENTS Successful completion of Australian Year 12 with final-year mathematics courses, or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 5.5, or equivalent.		
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).		



Bachelor of Science (Honours)

Undertake a research project, as well as coursework studies in research methodologies and communication. This is a fourth-year course for graduates of science, IT and mathematical science undergraduate degrees. It serves as a prelude to a research higher degree.

LOCATION Mt Helen Campus (Ballarat), Gippsland Campus (Churchill)			
INTAKE February, July	DURATION 1 year	CRICOS 088661B	ANNUAL FEE \$28,200
ENTRY REQUIREMENTS Applicants will have completed a bachelor's degree in the relevant discipline with a high level of academic achievement, which is normally a distinction average or above in core discipline courses in the second and third years. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.			
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).			

Graduate Diploma of Technology (Enterprise Systems and Business Analytics)

This stream includes subjects that utilise SAP, the world's largest enterprise software company. Students will be well prepared to undertake SAP certification if desired. Graduates of the Enterprise Systems and Business Analytics stream will be immersed into an ever changing, IT global economic landscape. New growth areas include cloud computing, mobility, data warehousing, business intelligence and big data techniques is prominent.

LOCATION Mt Helen Campus (Ballarat)		INTAKE February, July
DURATION 1.5 years	CRICOS 095031G	ANNUAL FEE \$26,500
ENTRY REQUIREMENTS Successful completion of a recognised 3-year Australian bachelor degree or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.		

Graduate Diploma of Technology (Software Engineering)

Gain the specialist knowledge required to understand and implement advanced software engineering techniques. Design, implement and maintain IT systems using a well-informed software engineering approach and create high quality software in a systematic and efficient manner.

LOCATION Mt Helen Campus (Ballarat)		INTAKE February, July
DURATION 1.5 years	CRICOS 080506M	ANNUAL FEE \$26,500
ENTRY REQUIREMENTS Successful completion of a recognised 3-year Australian bachelor degree or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.		

Master of Technology (Enterprise Systems and Business Analytics)

This course provides students with an opportunity to gain up to date knowledge and skills to analyse, implement and use Enterprise Systems. Gain a deep understanding of relevant topics and technology such as big data, business analytics, cloud computing, IS security, project management and IT strategy, using cutting edge technologies from leading companies like SAP, IBM, SAS and Teradata.

LOCATION Mt Helen Campus (Ballarat), Brisbane Campus (Queensland)		
INTAKE February, March, July, November		
DURATION 2 years	CRICOS 095030G	ANNUAL FEE \$26,500
ENTRY REQUIREMENTS Successful completion of a recognised 3-year Australian bachelor degree or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.		
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).		

Master of Technology (Software Engineering)

Gain specialist knowledge in advanced software engineering techniques. Design, implement and maintain IT systems using a well-informed software engineering approach and create high quality software in a systematic and efficient manner.

LOCATION Mt Helen Campus (Ballarat), Brisbane Campus (Queensland)		
INTAKE February, March, July, November		
DURATION 2 years	CRICOS 080497G	ANNUAL FEE \$26,500
ENTRY REQUIREMENTS Successful completion of a recognised 3-year Australian bachelor degree or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.		
PROFESSIONAL RECOGNITION Australian Computer Society (ACS).		

Master of Applied Cyber Security

Designed to prepare students with the skills and techniques for performing cyber security operation, research and management in Australian industries.

LOCATION Mt Helen Campus (Ballarat)		INTAKE July
DURATION 2 years	CRICOS 102480H	ANNUAL FEE \$26,500
ENTRY REQUIREMENTS Successful completion of a recognised 3-year Australian bachelor degree or overseas equivalent. Academic IELTS with an Overall score of 6.0, with no band less than 6.0, or equivalent.		

Federation University Australia

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Federation.edu.au/international

Coursefinder study.federation.edu.au

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Disclaimer: Information contained in this brochure was correct at the time of production.

For up to date information on courses please refer to study.federation.edu.au.

Printed July 2020.

Federation University Australia reserves the right to alter any course, procedure or fee, as deemed necessary. Federation University Australia courses are delivered with Victorian and Commonwealth Government funding.

CRICOS Provider No. 00103D. National RTO Code: 4909.

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