

Bachelor of Business Information Systems (BBIS)

1. About the Bachelor of Business Information Systems

The Bachelor of Business Information Systems (BBIS) is a program, developed to embrace the demand for skilled individuals (already in the industry and aiming to enter) to work within in the ICT sector, in several roles within the ICT industry, most of which are on the short-term and medium to long-term skilled migration lists - predominately ICT business analysts and systems analysts.

The course is designed to provide flexible study options to enhance knowledge and skills to enhance career prospects. The BBIS has a practical and interdisciplinary focus with the themes of four main areas.

- Foundation – develops a range of skills central to business and academic success.
- Contextual – introduction to foundations, project and business process management in IS.
- Technical – technical knowledge is critical to students developing skills to work with information technology specialists in business and more business-oriented members of an organisation.
- Professional – Project management, systems analysis, requirements management and project-based work.

Teamwork, sound and ethical decision making, and strategic planning are featured through all four areas.

Graduates will apply a core body of knowledge to the changing environments in which they work, or aspire to work, as leaders and managers.

Students will develop technical and creative skills for making effective ICT business decisions in a global context and develop the leadership and team-building skills necessary to operate and manage information systems in dynamic 21st century organisations. Increased breadth will be developed through inclusion of project management skills, requirements management and applications of micro-services and how technological changes impacts on contemporary businesses.

Graduates will develop research skills, to develop skills to interpret and evaluate theoretical propositions and business-related data and to maintain the currency of their BBIS is developed through a project-based subject where research skills are consolidated and applied to strategic business problems. Students will be required to complete at least one component of industry placement subject to enhance their employability.

Graduate employment opportunities

Graduates may find a range of career pathways and employment opportunities including:

- Business analyst
- Business development management
- Business process analyst
- Business requirements analysis
- Database designer/administrator/ programmer
- E-marketing and communications consultant/manager of computer-based information systems
- Enterprise systems consultancy

- Entrepreneur
- Information centre manager
- Information systems/operations manager
- IT consultant
- Online content specialist
- Programmer/analyst
- ICT Project management
- Software quality analyst
- Systems analyst

Course Overview

Course Title	Bachelor of Business Information Systems (BBIS)		
Study Options – Domestic Australian students	Full-time – on campus Part-time – on campus	Study Options – International students	International students on a student visa must not enrol into any more than a third or 33% of online subjects over their course and must study at least one subject that is face to face in each trimester. International students on a student visa are required to study full time, i.e. the student must complete a minimum of 1.0 EFTSL of study per year.
Start Dates	February, June, September For specific dates visit the website .	Course Length	Full Time: 3 years Accelerated: 2 years Part-time: Options available
Payment Options - Domestic Australian students	Upfront payment This means tuition fees will be invoiced each semester and payment is required on or before the due date. FEE-HELP FEE-HELP is Australian Government’s loan scheme for higher education degree courses. It can assist you in paying for all, or part of, your course fees. Repayments commence via the tax system once your income rises above a minimum threshold. Just like with any other debt, a FEE-HELP debt is a real debt that impacts your credit rating.	Payment Options – International students	Upfront payment This means tuition fees will be invoiced each semester and payment is required on or before the due date.
Course study requirements	Each subject involves 10 hours of study per week, comprising 3 hours of facilitated study and 7 hours self-directed study.	Assessment	Group discussions, individual analytical assignments and group assignments, participation and invigilated exams.
Locations	Brisbane, Sydney, Melbourne, Adelaide	Delivered by	Torrens University Australia
Provider	Torrens University Australia Ltd is registered as a self-accrediting Australian university by the Tertiary Education Quality and Standards Agency (TEQSA).	CRICOS Course Code	0100551
Provider obligations	Torrens University is responsible for all aspects of the student experience, including the quality of course delivery, in compliance with the Higher Education Standards 2015	Accrediting body	Torrens University Australia Limited ABN 99 154 937 005, CRICOS Provider Code: 03389E. RTO No. 41343

Course Fees	For details, refer to the website .	Any other fees	For details, refer to the website .
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2. Essential requirements for admission

The general admission criteria that apply to Torrens University Australia courses can be located by visiting the Torrens University Australia website - <https://www.torrens.edu.au/general-admission-information-for-torrens-university-australia-ltd>.

3. Student Profile

The table below gives an indication of the likely peer cohort for new students in this course. It provides data on students who commenced in this course in the most relevant recent intake period, including those admitted through all offer rounds and international students studying in Australia.

Applicant background	Trimester one / Full year intake [2020]	
	Number of students	Percentage of all students
(A) Higher education study (includes a bridging or enabling course)	0	0%
(B) Vocational education and training (VET) study	<5	N/P
(C) Work and life experience (Admitted on the basis of previous achievement not in the other three categories)	0	0%
(D) Recent secondary education: <ul style="list-style-type: none"> • Admitted solely on the basis of ATAR (regardless of whether this includes the consideration of adjustment factors such as equity or subject bonus points) • Admitted where both ATAR and additional criteria were considered (e.g. portfolio, audition, extra test, early offer conditional on minimum ATAR) • Admitted on the basis of other criteria only and ATAR was not a factor (e.g. special consideration, audition alone, schools recommendation scheme with no minimum ATAR requirement) 	0 0 <5	0% 0% N/P
International students	121	98%
All students	123	100%

Notes: "**<5**" – the number of students is less than 5.
N/A – Students not accepted in this category.
N/P – Not published: the number is hidden to prevent calculation of numbers in cells with less than 5 students.

4. Admission Criteria

Title of course of study	Bachelor of Business Information Systems (BBIS)
Applicants with higher education study	<p>A completed higher education qualification at AQF level 5 (diploma) or above, or equivalent, from an Australian University or another accredited higher education provider</p> <p>OR</p> <p>Successful completion of at least 1 EFTSL (equivalent full-time student load, or one full year) of an AQF level 6 (Associate Degree) or above, or equivalent, from an Australian University or another accredited higher education provider</p>
Applicants with vocational education and training (VET) study	<p>A completed vocational education qualification at AQF level 4 (Certificate IV) or above, or equivalent, from a registered training organisation (RTO)</p> <p>OR</p> <p>Successful completion of at least 1 EFTSL (equivalent full-time student load, or one full year) of an AQF level 5 (Diploma) or above, or equivalent, at a registered training organisation (RTO)</p>
Applicants with work and life experience	<p>Demonstrated ability to undertake study at the required level:</p> <ul style="list-style-type: none"> • broadly relevant work experience (documented e.g. CV), demonstrating a reasonable prospect of success; OR • formal, informal or non-formal study, completed or partially completed, demonstrating a reasonable prospect of success; OR • written submission to demonstrate reasonable prospect of success.
English Language Proficiency (applicable to international students, and in addition to academic or special entry requirements noted above)	Equivalent IELTS 6.0 (Academic) with no skills band less than 5.5
Applicants with recent secondary education (within the past two years) with ATAR or equivalent* (for applicants who will be selected wholly or partly on the basis of ATAR)	<p>Year 12 or equivalent</p> <p>Senior certificate and a passing grade in year 12 English and a passing grade in year 12 mathematics</p>

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<i>*ATAR profile for those offered places wholly or partly on the basis of ATAR in T1 2020:</i>	
(ATAR-based offers only, across all offer rounds)	ATAR (OP in QLD) (Excluding adjustment factors) *
Highest rank to receive an offer	0
Median rank to receive an offer	0
Lowest rank to receive an offer	0
<i>Notes: * "<5" – indicates less than 5 ATAR-based offers were made</i>	

5. How to apply

Through a TAC

- <http://www.uac.edu.au>

Via direct application to the institution

- <https://apply.torrens.edu.au/>

6. Advanced standing/academic credit/recognition of prior learning (RPL)

You may be entitled to credit for prior learning, whether formal or informal. Formal learning can include previous study in higher education, vocational education, or adult and community education. Informal learning can include on the job learning or various kinds of work and life experience. Credit can reduce the amount of study needed to complete a degree.

Applicants admitted based on prior higher education study may be eligible for Advanced Standing in the form of credit and/or recognition of prior learning (RPL) under the Torrens University Australia [Credit Policy - \(https://www.torrens.edu.au/policies-and-forms\)](https://www.torrens.edu.au/policies-and-forms).

- Students with completed subjects may be eligible for specified credit and/or elective exemptions
- Students who have completed a qualification at AQF level 5 (diploma) or above may be eligible for block credit (where a block credit agreement exists)
- Students with a mix of formal study and informal and/or non-formal learning may be eligible for recognition of prior learning in addition to any credit approved.

Credit will not be applied automatically. Applicants must apply for credit and/or RPL as early as possible prior to each study period, with applications not accepted after week 2.

For further information about credit and recognition of prior learning please see <http://www.torrens.edu.au/apply-online/course-credits>.

7. Where to get further information

- Torrens University Australia (TUA) Website
 - <https://www.torrens.edu.au/>
- Universities Admissions Centre (UAC) Website

Torrens University Australia Ltd, ABN 99 154 937 005, RTO41343, CRICOS 03389E.

Information provided in this document is current at the time of publishing (Feb 2021).

- <http://www.uac.edu.au/>
- Quality Indicators for Learning and Teaching (QILT) Website
 - <https://www.qilt.edu.au/>

8. Additional Information

Course Structure

The Bachelor of Business and Information course structure is comprised of 24 subjects (240 credit points). The course of study is made up of 16 core and 8 elective subjects at 10 credit points each.

Course Rules

To qualify for the Bachelor of Business Information System, students must complete satisfactorily a course of study consisting 16 core subjects and 8 elective subjects (240 credit points).

Subjects

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<p>BIZ101 Business Communications</p> <p>This subject introduces students to the concepts of business communications and transferable academic skills. This subject presents an analysis of the types of communication processes which occur in the internal and external business environment, including an examination of the theoretical underpinning of communication in businesses. Emphasis is placed on writing skills, reports, and presentations, and using technology to communicate. The course will provide students with research skills (information literacy), critical analysis, writing and language techniques. Transferable skills including time management and teamwork are incorporated in the course. The aim of this subject is to provide knowledge and skills needed for Higher Education, to help students to manage their own success and to assist students in reaching their academic potential.</p>
<p>BIZ102 Understanding People and Organisations</p> <p>This subject introduces students to the concept of an organisation, and their role within the organisational context. The student will explore the impact of their relationships and emotional intelligence within a business context, as well as developing the skills to foster effective workplace relationships and to learn how to continue to develop and refine these skills in the workplace. Students will gain an understanding of the idea of cultures within organisations, and how their actions interact within these relationships.</p>
<p>MIS100 Foundations of Information Systems</p> <p>This subject provides a context for information systems by exploring computer architecture - specifically hardware, software and peripherals. You will be introduced to logic, mathematics for computing, business process architecture and Information Communication Technology (ICT) for business organisations. Topics covered will include emerging technologies and ethical and legal implications for business in information systems (IS).</p>
<p>PRO100 Information Systems Project Management Planning</p> <p>Students will be introduced to knowledge, tools, and techniques to manage projects successfully through a project life cycle, and to the language used by practitioners in conjunction with the terminology recognised by the Project Management Institute (PMI). Explore PM knowledge areas and process groups of PMBOK guide. Examine how the dimensions of project management interact in initiating (scoping), planning, executing (launching), monitoring and controlling, and closing a project.</p>
<p>MIS101 Information Systems for Business</p> <p>In this subject, students will be exposed to contemporary technological trends in the travel industry. They will learn about digital innovations, transformations and disruptors that have occurred within the travel and tourism industry. This course introduces students to online reservation systems widely used by the travel and tourism industry. This subject will also provide an overview of CRM (customer relationship management) tools, which play an integral role in the customer service experience and are essential for future travel professionals.</p>

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<p>MIS102 Data and Networking</p> <p>The management of data underpins most aspects of information system at both theoretical and practical levels. Data is often stored in a distributed environment and management requires students to build an understanding of data networking, data communication, MS windows and network administration. This subject sets the foundations for many subsequent subjects in this course.</p>
<p>MIS200 Principles of Programming</p> <p>This subject is designed to introduce students to programming as a tool for developing systems and addressing business need. Students will be introduced to and employ an integrated development environment (IDE) to create, compile, test and run programs, applying object-oriented concepts to construct classes and methods. This subject will be tailored to student levels of expertise and expose students to a variety of programming languages to equip them with an understanding of the requirements in business. Illustrate the design of an application using universal modelling language (UML) diagrams.</p>
<p>BIZ201 Accounting for Decision Making</p> <p>The subject aims to provide non-accounting students with a broad, business-based introduction to the conceptual foundations of accounting and finance. The use of management accounting information assists in key areas of planning, controlling, reporting, and decision making. It introduces students to basic concepts and functions of the balance sheet, profit and loss statements, and cash flow statements, techniques for analysing financial statements investment decisions, full costing and opportunity costing analysis and managing working capital.</p>
<p>MIS201 Database Fundamentals</p> <p>Students will learn the importance of data in a centralised environment and the problems inherent in creating, storing, and managing that data. This subject will explore relational database design and modelling and students will learn how to handle data anomalies and the process of data integration. During this subject you will explore an organisation's need for a data warehouse, learn about data visualisation and evaluate dashboard designs to view data.</p>
<p>MIS202 App, Web Design and Development</p> <p>This practical subject follows on from Principles of Programming and further develops student skills in App development and web design applying current practices used in industry. Students will design, build and test their solution to a common business problem/opportunity.</p>
<p>MIS203 Micro-services Architecture Cloud and Web IS</p> <p>This subject introduces students to the fundamentals of micro-services architecture, software-as-a-service and cloud computing architectures. The focus of this subject is on the business aspects of these solutions to position students to build confidence in negotiating and managing outsourced business projects and/or solutions.</p>
<p>MIS300 System Analysis and Design</p> <p>This subject introduces you to activities, techniques, and methodologies a Systems Analyst uses to design information systems that, when built, enhance the organisation's ability to meet its goals. These include analysing and defining systems requirements, designing models, and the high-level behaviours of systems. The subject addresses approaches to analysis and design, and the transformation of user requirements to system design using the unified modelling language (UML).</p>
<p>MIS301 Cybersecurity</p>

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<p>The management of security continues to be a major challenge for organisations because of the nature of data management. This subject addresses the need for management of unintended or irresponsible uses of information in organisations. It will explore fundamental information security concepts such as identity management, authentication and monitoring. You will develop the skills to identify and recommend solutions to mitigate against threats and vulnerabilities in network and system security.</p>
<p>MIS302 Agile Business Analysis</p> <p>Agile Business Analysts use Agile methodologies, which are founded in adaptive iterative planning cycles. These cycles support early delivery and continuous improvement that are responsive in rapidly changing environments. You will learn how to put these methodologies into practice as a domain expert working with organisational stakeholders. These include primary techniques used by Agile teams and you will develop skills for documenting requirements, conceptual modelling, and solution development.</p>
<p>MIS303 Professional Ethics</p> <p>The subject is based around the foundations of the codes of ethics that underpin professional practice in the Information Systems (IS) industry. You will develop an understanding of what professional ethics means and its relationship to legal frameworks in the IS industry, and you will use this understanding to analyse case studies of the unethical use of technology. The aim is for you to learn to practise ethical behaviour, maintain integrity in your profession, and contribute positively to the IS industry and society.</p>
<p>IND301B Industry Consulting Project / Capstone</p> <p>This capstone subject enables you to be industry-ready by providing you with the opportunity to integrate and apply your knowledge of Business Information Systems (BIS) to a real-world situation. Central to this project is the research, analysis and evaluation of an organisations requirements to enable them to achieve their strategic goals and vision. You will address issues by using information systems, and give insights and recommendations on technology capabilities that will benefit the organisations strategy through critical analysis, reflective and reflexive practice.</p>
<p>Students are required to choose an additional 8 subjects from the Bachelor of Business or Bachelor of Business Information System courses.</p>

*Note that some of the above subjects have pre-requisite requirements.

Locations

The Bachelor of Business Information System can be studied fully online or at the below Torrens University Campuses:

- Queensland (Brisbane)
- New South Wales (Sydney)
- Victoria (Melbourne)
- South Australia (Adelaide)

Campus Facilities and Services

All campuses are designed to provide students with professional spaces in which to learn and work. They have been planned with student study needs in mind with well-equipped accessible learning spaces as well as student breakout areas for group work and spending time with friends.

A positive student experience

Torrens University Australia values the importance of a positive student experience, and therefore has robust processes to resolve student complaints. The Student Complaints Policy, and associated procedures, can be accessed from the [website](https://www.torrens.edu.au/policies-and-forms) (<https://www.torrens.edu.au/policies-and-forms>).

Paying for your qualification

We offer two payment options for this course:

- **Upfront payment**
If you want to complete your qualification debt-free you can choose to pay as you go. This means tuition fees will be invoiced each semester and payment is required on or before the due date using EFTPOS, credit card or direct transfer.
- **FEE-HELP**
FEE-HELP is Australian Government's loan scheme for higher education degree courses. It can assist you in paying for all, or part of, your course fees. Repayments commence via the tax system once your income rises above a minimum threshold (\$45, 881 in 2019-20). Just like with any other debt, a FEE-HELP debt is a real debt that impacts your credit rating.

Further information about FEE-HELP, including eligibility, is available at:

- **FEE-HELP website:**
<http://studyassist.gov.au/sites/studyassist/help-payingmyfees/fee-help/pages/fee-help->
- **FEE-HELP booklets:**
<http://studyassist.gov.au/sites/studyassist/helpfulresources/pages/publications>

Austudy and Abstudy

Students enrolled in this course may be eligible for government assistance, such as [Austudy](#) or [Abstudy](#).