

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 the ICT sector, predominately ICT business analysts and systems analysts.

The course objective is to develop graduates with technical competence and a strong ability to interpret information to solve workplace problems.

The course is designed to provide flexible study options to enhance knowledge and skills development across a diverse cohort to enhance career prospects. The BBIS has a practical and interdisciplinary focus across four main thematic areas:

- Foundation – develops a range of skills central to business and academic success.
- Contextual – introduction to foundational skills in 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.

Across these four areas, key professional and personal skills are taught, practiced and assessed, including teamwork, sound and ethical decision making, and strategic planning.

Graduates will have the ability to 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.

To support the translation of their learning to dynamic work contexts students will engage in project-based research work, complemented by industry placements and work integrated learning.

The BBIS course, and subject design and development, are the result of a collaborative curriculum design process culminating in the production of on-campus and interactive online experiences designed to meet the needs of the working professional and be immediately applicable to their day job and/or future career.

Core to the BBIS is accreditation with the Australian Computer Society (ACS) informing the development of the course through:

- Engaging with course content which covers the ACS Core Body of Knowledge (CBOK).
- Ensuring graduates have developed ICT Role Specific Knowledge at Skills Framework for the Information Age (SFIA) Level 3 or above.

- Delivering a third of ICT content closely related to nominated occupations and meeting employment suitability criteria.

The BBIS offers a strong mix of business and technical knowledge which is essential for almost every business regardless of industry. This course offers an opportunity for graduates to develop the following skills:

Workplace/technical skills:

- Ability to work between technical teams and operational/ managerial teams in the organisation to translate needs and possible solutions.
- Capacity to determine what ICT solutions are possible versus which are realistic in the work place.
- Develop an understanding of how business works including strategic planning, objectives, operations and financial considerations.
- Acquire technical expertise to plan, design, execute and maintain data systems.
- Employ decision-making and analysis skills for developing business needs, scheduling, training and team leadership.
- Execute project management skills to direct projects with an ICT focus helping stakeholders realise the potential of the business solution.

Professional development skills:

- Research and problem-solving skills to maintain and develop professional disciplinary currency once in the workplace.
- Engage in ongoing self-reflection, self-directed learning and professional development activities.
- Develop an understanding of how to operate ethically and sustainably in an ICT focused business.

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 Online	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 <i>not</i> 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)	N/A

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
 - <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 Information Systems course structure is comprised of 24 subjects (240 credit points), 16 core subjects and eight elective subjects

The course contains 3 subjects level – Level 100, 200 and 300, guiding you from foundation through to more complex subjects.

- Level 100: 5 core subjects + 3 elective subjects
- Level 200: 5 core subjects + 3 elective subjects
- Level 300: 6 core subject + 2 elective subjects

*Electives available to students may be chosen from the elective bank (please refer to the Course Structure on the Student HUB) or can be taken from any Torrens University undergraduate course (pre-requisites permitting) with approval from the Program Director (or delegate).

Course Rules

To be awarded the Bachelor of Business Information Systems, students will need to complete 240 credit points over 24 subjects as outlined in the Course Structure. Each subject has a value of 10 credit points.

Subjects

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
Level 100
<p>BIZ101 Business Communications</p> <p>The aim of this subject is to provide you with the knowledge and skills to enhance your personal effectiveness, employability, and academic success. This subject introduces you to the concepts of business communications and transferable academic skills.</p> <p>You will examine the different stakeholders and communication contexts which occur in the internal and external business environment, developing the skills and knowledge to effectively interpret and deliver messages in a variety of business situations. This subject will provide you with essential business skills in information literacy, presenting, writing, academic integrity and the use of technology.</p>
<p>BIZ102 Understanding People and Organisations</p> <p>The aim of this subject is to develop an understanding of modern organisations, their structure and how people collaborate within these structures to achieve the organization’s strategic objectives and deal with the uncertainty of the 21st Century economy.</p> <p>This knowledge will form a foundation of theoretical knowledge about organisational behaviour that will be built on in future subjects. Moreover, it will develop the student’s emotional intelligence and the understanding of their strengths and their application in the business context. These learning objectives will be achieved through a mixture of theoretical readings, class discussions and group projects focusing on how theoretical concepts apply to the work</p>

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<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.</p> <p>You will be introduced to the key concepts and technologies of information systems that drive change and support organisations to achieve strategic goals. This includes the application of business information systems, data and information management, disruptive technologies and issues such as ethics, privacy and security. You will gain insights into the technologies that are disrupting and transforming society both now and into the future.</p>
<p>PRO100 Information Systems Project Management</p> <p>This subject will introduce you to the knowledge, tools, and techniques used in managing projects successfully through a project life cycle. The language used by practitioners in conjunction with the terminology recognised by the Project Management Institute (PMI) is explored. You will consider Project Management (PM) knowledge areas and process groups of the Project Management Body of Knowledge (PMBOK) guide, which will include initiating, planning, executing, monitoring and controlling, and closing a project. You will also incorporate the skills, concepts and techniques of agile project management (APM).</p>
<p>MIS102 Data and Networking</p> <p>The management of data underpins most aspects of information systems at both theoretical level and the application in real life situations. Data are often stored in a distributed environment and its management requires you 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>Level 200</p>
<p>MIS200 Principles of Programming</p> <p>This subject introduces students to programming as a tool for designing and developing systems to address organisational needs. 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 objects and methods. This subject will expose students to object-oriented programming language(s) to equip them with the ability to analyse, design and implement solutions in contemporary organisational environments.</p>
<p>BIZ201 Accounting for Decision Making</p> <p>This subject will provide foundational financial knowledge by introducing basic financial concepts and procedures that are fundamental to the generation of financial information for business decision making. Emphasising the awareness of ethical responsibilities and sustainable practices, this subject highlights use of financial information by a variety of stakeholders in planning, controlling and investing decisions. By understanding the key concepts that underpin the preparation of financial reports, you will examine, interpret financial statements, and generate financial information. Utilising various financial management concepts, you will learn the application of budgeting, costing, and capital investment techniques that support decision making.</p>
<p>MIS201 Database Fundamentals</p> <p>This subject focuses on the importance of data for an organisation and the challenges involved when collecting, storing and managing data.</p> <p>This subject explores different database design and modelling techniques, manage data anomalies and the process of data integration.</p> <p>Students will examine the need for database design and programming in today's organisational environment.</p>
<p>MIS202 App, Web Design and Development</p> <p>This subject introduces students to web based application design and development as a tool for delivering web-based solutions addressing organisational needs. Students will employ an integrated development</p>

SUBJECT DETAILS
SUBJECT TITLE, DESCRIPTOR
<p>environment (IDE) to create, compile, test and run programs, applying web design and development constructs.</p> <p>This subject will expose students to a web based application development environment to equip them with an understanding of the requirements in organisations.</p>
<p>MIS203 Micro-services Architecture Cloud and Web IS</p> <p>This subject introduces students to the key concepts of Micro-Services Architecture, Cloud Computing and Web-based Information Systems (IS). In this systematic learning process, students will be introduced to problem solving skills, case studies and analysis which will assist with the development of skills advancement in IS project planning.</p>
<p>Level 300</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 organization's ability to meet its goals. These include analyzing and defining systems requirements, designing models, and the high-level behaviors 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>

MIS303 Professional Ethics

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.

MIS304 Information Systems for Business (Advanced)

In this subject you will build upon your skills of data management and knowledge of agile teams, while introducing you to data analytics and the application of these skills to an industry case study.

You will learn how to develop business intelligence reports with a particular focus on data exploration and visualisation by applying it in a business environment using industry leading software. You will also work in teams to meet the requirements of the case study.

MIS311 Cybersecurity (Advanced)

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.

MIS312 Agile Business Analysis (Advanced)

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.

IND311 Industry Project (Advanced)

You will engage with an authentic industry learning experience that allows you to draw on the knowledge and skills you have developed throughout the BBIS. You will actively work within a project team to communicate and deliver a prototype solution for a client. A work integrated learning experience is included in which the knowledge and skills from the BBIS will be applied and assessed in a real or simulated workplace context, where feedback from key organisational stakeholders is integral to the experience. You will undertake and be assessed on structured activities that allow for learning, application and demonstration of your professional practice while engaging with partner organisations.

Students are required to choose an additional 8 elective subjects.

*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)
- Online

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. 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->
[help-](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](#).