



Bachelor of Business Informatics (706AA.8)

Please note these are the 2021 details for this course

Domestic students

Selection rank 60

Note:

The selection rank is the minimum ATAR plus adjustment factors required for admission to the program in the previous year. This is an indicative guide only as ranks change each year depending on demand.

English language requirements

An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent).

[View IELTS equivalences](#)

Duration 3.0 years

UAC code 366003

Faculty Faculty of Science and Technology

Discipline Academic Program Area - Technology

Location UC - Canberra, Bruce

Fees 2021: Commonwealth Supported Place
2022: Commonwealth Supported Place

Disclaimer:

Annual fee rates

The fees shown are the annual fee rates for the course. The annual rate is the fee that applies to standard full-time enrolment, which is 24 credit points. The final fee charged is based on the proportion of 24 credit points in which a student enrolls. Students enrolled in a Commonwealth Support Place (CSP) are required to make a contribution towards the cost of their education, which is set by the Commonwealth Government. Information on Commonwealth Supported Places, HECS-HELP and how fees are calculated can be found [here](#).

International students

Academic entry requirements

To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our [academic entry requirements page](#).

[View UC's academic entry requirements](#)

English language requirements

An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent).

[View IELTS equivalences](#)

CRICOS code

049490F

Faculty

Faculty of Science and Technology

Discipline

Academic Program Area - Technology

Location

UC - Canberra, Bruce

Duration

3.0 years

Fees

2021: \$30,300 per year

2022: \$31,000 per year

Disclaimer:

Annual fee rates

The fees shown are the annual fee rates for the course. The annual rate is the fee that applies to standard full-time enrolment, which is 24 credit points. The final fee charged is based on the proportion of 24 credit points in which a student enrolls. Information on how fees are calculated can be found [here](#).

About this course

Make information and communications technology your business

If you enjoy IT but prefer the science of data management and building innovative systems designed to streamline and maximise productivity, then UC's Bachelor of Business Informatics is the perfect course to teach you how.

Accredited by the Australian Computer Society, UC's Bachelor of Business Informatics is an interdisciplinary degree providing a bridge between the areas of business and information technology.

In this course you will learn how to critically analyse complex systems and if required, completely design or redesign robust management systems, in order to meet the specific needs of a business.

Your study will set you on the path to becoming an invaluable information and communications technology professional, with further postgraduate study available in advanced or related fields.

This course also has one of the best graduate outcomes in Australia and experiences an exceptionally high demand for graduates, especially from within the government sector, due to its location in Canberra.

This course allows you to future-proof your career by offering the option to specialise in Cloud Computing and the Internet of Things, Cybersecurity and System Administration or Data Science.

Study a Bachelor of Business Informatics at UC and you will:

- achieve comprehensive insight into engineering aspects of computer science
- study the current programming languages at an intensive level
- be able to analyse and build complex integrated management systems
- understand the methodology of software systems engineering using analysis and specification methods such as UML, XML, structured and soft systems methodologies
- learn to design and build systems and software using specialist engineering tools
- work within modern development environments that include Windows, Linux, mobile and cloud computing
- gain high-level awareness of professional ethics, responsibilities, values and standard.
- graduate with an internationally recognised qualification
- be in high demand

Work Integrated Learning (WIL)

Work-integrated learning (WIL) is an integral component of the UC Bachelor of Business Informatics course as it offers students the opportunity to gain valuable hands-on experience and build professional relationships through real work, or work-like placements.

To help support your personal and professional development, UC encourages direct learning and networking via guest lecturers, expert industry-based tutors and working with a comprehensive focus on practical scenarios and case studies in your coursework.

This course also offers numerous opportunities to put your interdisciplinary knowledge and theories into practice through internships and cadetships with organisations such as PricewaterhouseCoopers (PwC), Fujitsu Australia, Birdsnest, the University of Canberra, and more.

In your final year you will also get to undertake a group project where you will be tasked and assessed on researching and analysing an existing IT issue and then building and developing a real-world IT strategy designed to improve the overall performance within a business.

Career opportunities

UC's Bachelor of Business Informatics is a globally recognised and industry respected qualification that is currently in very high demand in Canberra and around Australia. As a result, once you graduate you should be able to confidently transition into any one of the following careers:

- IT security analyst
- Business analyst
- Systems architect
- IT project manager
- Information analyst
- Data scientist
- Digital systems architect
- Chief information officer
- Cloud computing architect
- IoT engineer, developer or designer
- Cybersecurity specialist
- Service desk manager
- System administrator

- Cybersecurity operations manager
- Big data engineer
- Big data architect
- Data scientist
- Business intelligence specialist

Course-specific information

This course is accredited by the Australian Computer Society (ACS) at the Professional level.

High-achieving students may be eligible to enrol in Honours in Information Sciences, and there are clear pathways from this course to the Master of Information Sciences (Research) and other postgraduate degrees.

Professional accreditation

This course is accredited with the Australian Computer Society at the professional level.

Admission requirements

Admission to this course is based on an entrance rank. A rank can be achieved by the following means:

- Year 12 ATAR
- other Australian Qualification
- work experience
- overseas qualification

We also offer a number of entry initiatives that give you the opportunity to gain entry to the University via alternate pathway programs and admissions schemes.

More information is available on our Alternative Entry page: <http://www.canberra.edu.au/future-students/applications/apply-now/alternative-entry>

Assumed knowledge

Basic knowledge and skills in ICT (Information and Communication Technology); Basic numeracy and literacy skills.

Periods course is open for new admissions

Year	Location	Teaching period	Teaching start date	Domestic	International
2021	UC - Canberra, Bruce	Semester 1	08 February 2021	✓	✓
2021	UC - Canberra, Bruce	Semester 2	02 August 2021	✓	✓
2022	UC - Canberra, Bruce	Semester 1	07 February 2022	✓	✓
2022	UC - Canberra, Bruce	Semester 2	01 August 2022	✓	✓
2023	UC - Canberra, Bruce	Semester 1	06 February 2023	✓	✓

2023	UC - Canberra, Bruce	Semester 2	31 July 2023	✓	✓
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Credit arrangements

A credit transfer arrangement is available for this course for the following institutions:

Canberra Institute Of Technology

- [Certificate IV in Cyber Security \(27097\)](#)
- [Certificate IV in Information Technology \(27175\)](#)
- [Certificate IV in Information Technology Networking \(27134\)](#)
- [Certificate IV in Programming \(27154\)](#)

Chandigarh University

- [Bachelor of Computer Applications \(27373\)](#)

Melbourne College Of Advanced Studies

- [Bachelor Qualifying Program \(BQP\) Business Course \(Completion of one semester's study\) \(26373\)](#)
- [Bachelor Qualifying Program \(BQP\) Business Course \(Completion of two semester's study\) \(25993\)](#)
- [Bachelor Qualifying Program \(BQP\) Engineering Course \(26234\)](#)
- [Bachelor Qualifying Program \(BQP\) Engineering Course \(Completion of 1st Semester\) \(26756\)](#)
- [Bachelor Qualifying Program \(BQP\) Science-IT Course \(Completion of 1st Semester\) \(26795\)](#)
- [Bachelor Qualifying program \(BQP\) Science-IT Course \(26253\)](#)

Nims College

- [Bachelor of Arts in Computer Application at NIMS Tribhuvan University \(24292\)](#)

Other Australian Tafe

- [Any Australian Diploma \(AQF5\) \(27433\)](#)

Course requirements

Bachelor of Business Informatics (706AA) | 72 credit points

Required - Must pass 48 credit points as follows

Core Major in Information Technology and Systems (CM0018) | 24 credit points

Required - Must pass 21 credit points as follows

- [Introduction to Information Technology \(4478\) | 3 credit points – Level 1](#)
- [Database Design \(5915\) | 3 credit points – Level 1](#)
- [Professional Practice in IT \(7722\) | 3 credit points – Level 1](#)
- [Information & Communication Technology Project \(9785\) | 6 credit points – Level 3](#)
- [Technological Innovation and Entrepreneurship \(11408\) | 3 credit points – Level 2](#)
- [Systems Analysis and Modelling \(11486\) | 3 credit points – Level 1](#)

Restricted Choice - Must pass 3 credit points from the following

- [Information Systems in Organisations \(6348\) | 3 credit points – Level 1](#)
- [Introduction to Network Engineering \(11485\) | 3 credit points – Level 1](#)

Note:

- 1. Students in the BIMT, BIT, BSE or BET courses should choose 11485 Introduction to Network Engineering.
- 2. Students in the BBI course should choose 6348 Information Systems in Organisations.
- 3. Students in the BSE/BBI combined course should do both 11485 Intro to Network Engineering AND 6348 Info Systems in Organisations. The extra cps will count towards the chosen Specialist Major.

Specialist Major in Business Informatics (SM0060) | 24 credit points

Required - Must pass 21 credit points as follows

Designing Human-Computer Interaction (6389) | 3 credit points – Level 2

Business Intelligence Systems (7156) | 3 credit points – Level 3

Systems Project and Quality Management (7173) | 3 credit points – Level 3

Corporate Strategy and IT Governance (9276) | 3 credit points – Level 3

Enterprise Systems (11366) | 3 credit points – Level 1

Workflow and Process Management (11481) | 3 credit points – Level 2

Social Informatics (11490) | 3 credit points – Level 1

Restricted Choice - Must pass 3 credit points from the following

Information Security (11487) | 3 credit points – Level 2

Information Security (11759) | 3 credit points – Level 3

Note:

- Effective from 1/7/21 the unit code for Information Security has changed from 11487 to 11759.

Restricted Choice - Must select 1 of the following

Option 1 - Must pass 24 credit points from the following

Specialist Major in Cloud Computing and IoT (SM0055) | 24 credit points

Required - Must pass 15 credit points as follows

Contemporary IT & E Issues (9788) | 3 credit points – Level 3

Cloud Computing Architecture (11368) | 3 credit points – Level 3

Foundations of Robotics (11370) | 3 credit points – Level 2

Security and Support in IT (11488) | 3 credit points – Level 1

Internet of Things (11511) | 3 credit points – Level 3

Restricted Choice - Must pass 9 credit points from the following

Information Sciences Internship (7899) | 3 credit points – Level 3

Information Sciences Internship (Extended) (10152) | 3 credit points – Level 3

Law, Innovation and Technologies (11271) | 3 credit points – Level 3

Advances in Information Sciences and Engineering (11480) | 3 credit points – Level 3

Note:

- 1. Restricted Choice units should be chosen to either meet the prerequisites of the units in the Major or to complement Major units for a better learning outcome.
- 2. Exclusive to this Major only, students may also choose unit 11271 Law, Innovation & Technologies (offered by Faculty of Business, Government & Law) as one of the Restricted Choices units.

Specialist Major in Cybersecurity and System Administration (SM0056) | 24 credit points

Required - Must pass 15 credit points as follows

- Computer and Network Security (8019) | 3 credit points – Level 3
- Introduction to Digital Forensics (9074) | 3 credit points – Level 2
- Network Architecture (11484) | 3 credit points – Level 3
- Security and Support in IT (11488) | 3 credit points – Level 1
- System and Network Administration (11514) | 3 credit points – Level 3

Restricted Choice - 9 credit points as follows

Part A - Must pass 3 credit points from the following

- Enterprise and Cloud Computing (9281) | 3 credit points – Level 3
- Contemporary IT & E Issues (9788) | 3 credit points – Level 3

Part B - Must pass 6 credit points from the following

- Information Sciences Internship (7899) | 3 credit points – Level 3
- Information Sciences Internship (Extended) (10152) | 3 credit points – Level 3
- Advances in Information Sciences and Engineering (11480) | 3 credit points – Level 3
- Information Security (11487) | 3 credit points – Level 2
- Information Security (11759) | 3 credit points – Level 3

Note:

- 1. Restricted Choice units should be chosen to either meet the prerequisites of the units in the Major or to complement Major units for a better learning outcome.
- 2. Students who have not studied 11487 or 11759 Information Security in other Majors should choose this unit instead of a Restricted Choice unit.
- 3. Effective 1/7/21 the unit code for Information Security has changed from 11478 to 11759.

Specialist Major in Data Science (SM0057) | 24 credit points

Required - Must pass 15 credit points as follows

- Introduction to Statistics (6540) | 3 credit points – Level 1
- Data Analytics and Business Intelligence (8696) | 3 credit points – Level 3
- Introduction to Data Science (11372) | 3 credit points – Level 3
- Exploratory Data Analysis and Visualisation (11374) | 3 credit points – Level 3
- Pattern Recognition and Machine Learning (11482) | 3 credit points – Level 3

Restricted Choice - Must pass 9 credit points from the following

- Information Sciences Internship (7899) | 3 credit points – Level 3
- Information Sciences Internship (Extended) (10152) | 3 credit points – Level 3
- AR/VR for Data Analysis and Communication (11464) | 3 credit points – Level 3
- Advances in Information Sciences and Engineering (11480) | 3 credit points – Level 3

Note:

- Restricted Choice units should be chosen to either meet the prerequisites of the units in the Major or to complement Major units for a better learning outcome.

Option 2 - 24 credit points as follows

- Must pass 24 credit points from anywhere in the University as a breadth major, a breadth minor and/or as individual units.

Individual units may only count towards one major. Only 3 majors can be completed in this course, including core, specialist and breadth majors.

In addition to course requirements, in order to successfully complete your course you may need to meet the inherent requirements. Please refer to the [inherent requirements statement](#) applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Full Time, Semester 1 Commencing

Year 1

Semester 1

[Database Design \(5915\)](#)

[Enterprise Systems \(11366\)](#)

[Introduction to Information Technology \(4478\)](#)

[Professional Practice in IT \(7722\)](#)

Semester 2

[Information Systems in Organisations \(6348\)](#)

[Social Informatics \(11490\)](#)

[Systems Analysis and Modelling \(11486\)](#)

[Technological Innovation and Entrepreneurship \(11408\)](#)

Year 2

Semester 1

[Designing Human-Computer Interaction \(6389\)](#)

[Workflow and Process Management \(11481\)](#)

Two Restricted Choice units

Semester 2

[Systems Project and Quality Management \(7173\)](#)

Three Restricted Choice units

Year 3

Semester 1

Two Restricted Choice units

[Business Intelligence Systems \(7156\)](#)

[Information Security \(11759\)](#)

Semester 2

[Corporate Strategy and IT Governance \(9276\)](#)

[Information & Communication Technology Project \(9785\)](#)

Restricted Choice unit

Standard Full Time, Semester 2 Commencing

Year 1

Semester 2

[Database Design \(5915\)](#)

[Information Systems in Organisations \(6348\)](#)

[Introduction to Information Technology \(4478\)](#)

[Professional Practice in IT \(7722\)](#)

Year 2

Semester 1

Restricted Choice unit

[Enterprise Systems \(11366\)](#)

[Systems Analysis and Modelling \(11486\)](#)

[Technological Innovation and Entrepreneurship \(11408\)](#)

Year 3

Semester 1

Two Restricted Choice units

[Designing Human-Computer Interaction \(6389\)](#)

[Workflow and Process Management \(11481\)](#)

Year 4

Semester 1

[Business Intelligence Systems \(7156\)](#)

[Information & Communication Technology Project \(9785\)](#)

[Information Security \(11759\)](#)

Semester 2

[Social Informatics \(11490\)](#)

[Systems Project and Quality Management \(7173\)](#)

Two Restricted Choice units

Semester 2

[Corporate Strategy and IT Governance \(9276\)](#)

Three Restricted Choice units

Course information

Course duration

Standard six semesters full-time or equivalent. Maximum twenty semesters.

Learning outcomes

Learning outcomes	Related graduate attributes
Explain and practice ICT profession, including professional ethics, professional expectations, team work skills, communication skills, societal issues, legal issues, and privacy issues etc.	<p>UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; and take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Think globally about issues in their profession; understand issues in their profession from the perspective of other cultures; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; and behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: be self-aware; and adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas.</p>

Formulate, appraise, and implement ICT solutions under the context of social and economic constraints, legal and ethical issues, risk and benefit balance, technology availability and stakeholders' acceptance, and the professional standards of the industry etc.

UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; display initiative and drive, and use their organisational skills to plan and manage their workload; and take pride in their professional and personal integrity.

UC graduates are global citizens: Think globally about issues in their profession; adopt an informed and balanced approach across professional and international boundaries; understand issues in their profession from the perspective of other cultures; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; and behave ethically and sustainably in their professional and personal lives.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; and evaluate and adopt new technology.

Demonstrate a good command of core ICT Knowledge (information and communication technology) prescribed in ACS CBOK (Australian Computer Society, Core Body of Knowledge), with a focus on ICT Management ranging from the business side to the technical side of ICT.

UC graduates are professional: Work collaboratively as part of a team, negotiate, and resolve conflict; and take pride in their professional and personal integrity.

Develop the specialised knowledge and skills of business informatics, including business, information systems, system analysis and modelling, system administration, security, networking, software development, and data analytics etc.

UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; and display initiative and drive, and use their organisational skills to plan and manage their workload.

UC graduates are global citizens: Think globally about issues in their profession; adopt an informed and balanced approach across professional and international boundaries; make creative use of technology in their learning and professional lives; and behave ethically and sustainably in their professional and personal lives.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; and evaluate and adopt new technology.

Evaluate, formulate, and criticise solutions to communicate and interpret information systems programs to technical and non-technical stakeholders.

UC graduates are professional: Employ up-to-date and relevant knowledge and skills; and work collaboratively as part of a team, negotiate, and resolve conflict.

Majors

- [Core Major in Information Technology and Systems \(CM0018\)](#)
- [Specialist Major in Business Informatics \(SM0060\)](#)
- [Specialist Major in Cloud Computing and IoT \(SM0055\)](#)
- [Specialist Major in Data Science \(SM0057\)](#)
- [Specialist Major in Cybersecurity and System Administration \(SM0056\)](#)

Awards

Award	Official abbreviation
Bachelor of Business Informatics	B BusInformatics

Honours

Students may be eligible to enrol in a one-year honours program after completion of their Bachelor of Business Informatics degree, based on their GPA, within ITS program in the Faculty of Science and Technology.

Enrolment data

2020 enrolments for this course by location. Please note that enrolment numbers are indicative only and in no way reflect individual class sizes.

Location	Enrolments
UC - Canberra, Bruce	53

Enquiries

Student category	Contact details
Prospective Domestic Students	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)
Prospective International Students	Email international@canberra.edu.au or Phone +61 2 6201 5342
Current and Commencing Students	In person, Student Centre Building 1 or Email: Student.Centre@canberra.edu.au

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CRICOS 00212K

UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.