UNIVERSITY OF CANBERRA

Graduate Diploma in Business Informatics (844AA.4)

Please note these are the 2021 details for this course

Domestic students

Selection rank	PG
Delivery mode	On campus
Location	Bruce, Canberra
Duration	1.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Technology
UAC code	880255
English language requirements	An IELTS Academic score of 6.5 overall, with no band score below 6.0 (or equivalent).
	View IELTS equivalences

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

Delivery mode	On campus
Location	Bruce, Canberra
Duration	1.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Technology
CRICOS code	071684A
English language requirements	An IELTS Academic score of 6.5 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

About this course

Learn to manage the business of IT

If you are interested in learning the science of business informatics within an organisation, combined with an in-depth understanding of the capabilities and limitations of information technology - then the UC Graduate Diploma of Business Informatics is the course for you.

The course is particularly suited to those looking for a career as a business analyst and are keen to mediate between organisational units and the information technologies that support them.

This flexible intermediate-level course will cover many of the core areas of the 'Skills Framework for the Information Age' at a professional level, with weekday evening classes offered to enable you to balance study with your other commitments.

Through this course you will develop a solid understanding of the intent and context of systems, as well as their nature and development, and will go on to learn how to address issues of work practice and information needs and use them to align technical and human systems.

At the completion of this course, you will be well-placed to launch a successful career in business informatics, or to progress to further postgraduate study via the Master of Business Informatics, which is available by enrolling in additional units.

Study a Graduate Diploma in Business Informatics at UC and you will:

- demonstrate an understanding of theoretical concepts and develop an appropriate set of data models for relational database implementation

- critically analyse complex business processes

- be able to derive advanced system models appropriately

- learn how to use international standard systems description paradigms and languages

- prepare and critically evaluate documents associated with project planning, monitoring, review and quality

Work Integrated Learning (WIL)

Work Integrated Learning is a strong focus of the UC Graduate Diploma in Business Informatics course and as such you will have the opportunity to regularly connect with the world of professional practice via examination of practical scenarios and industry case studies.

As part of this course you will also be encouraged to tailor your learning around areas of specific interests, or in line with your professional aspirations.

In addition, internships are available as part of your range of elective units and students can apply to spend time within organisations such as PricewaterhouseCoopers (PwC), Fujitsu Australia, Birdsnest, the University of Canberra and more.

Career opportunities

The UC Graduate Diploma in Business Informatics is a senior level course offering those serious about advancing their career in any of the following areas:

- IT security analyst

- Business analyst

- Systems analyst

- IT project manager

- ICT consultant

- Web developer

- IT systems test engineer

- Information analyst

- Systems architect

- IT auditor

Course-specific information

A clear pathway of study exists between this degree and the Master of Business Informatics course. Students who have completed this course may apply and receive credit for units within the Master of Business Informatics.

Professional accreditation

None.

Admission requirements

Applicants must have a bachelor's degree in a non-IT field or equivalent.

Assumed knowledge

None.

Periods course is open for new admissions

This course is not open for new admissions.

Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current course rules and university policy.

Course requirements

Graduate Diploma in Business Informatics (844AA) | 24 credit points

Required - Must pass 12 credit points as follows

Professional Practice in IT G (6676) | 3 credit points — Level G

Systems Analysis and Modelling G (6677) | 3 credit points — Level G

Systems Project and Quality Management G (6678) | 3 credit points — Level G

Enterprise Systems G (11518) | 3 credit points — Level G

- Students may select alternative ITS restricted choice G/PG units with the permission of the Program Director.

Restricted Choice - Must pass 12 credit points from the following

G Level Units - May do up to 6 credit points from the following

Introduction to Statistics G (6554) | 3 credit points — Level G

Database Design G (6672) | 3 credit points — Level G

Designing Human-Computer Interaction G (6673) | 3 credit points — Level G

Security and Support in IT G (6689) | 3 credit points — Level G

Web Design and Programming G (6691) | 3 credit points — Level G

Discrete Mathematics G (6699) | 3 credit points — Level G

Software Systems Architecture G (8746) | 3 credit points — Level G

Systems Software G (8935) | 3 credit points — Level G

Introduction to Information Technology G (8936) | 3 credit points — Level G

Mathematical Structures G (8938) | 3 credit points — Level G

Software Technology 1 G (8995) | 3 credit points — Level G

Introduction to Digital Forensics G (9075) | 3 credit points — Level G

Management Information Systems G (9503) | 3 credit points — Level G

Introduction to Network Engineering G (10088) | 3 credit points — Level G

Introduction to Data Science G (11516) | 3 credit points — Level G

Exploratory Data Analysis and Visualisation G (11517) | 3 credit points — Level G

Data Capture and Preparations G (11520) | 3 credit points — Level G

Programming for Data Science G (11521) | 3 credit points — Level G

Workflow and Process Management G (11529) | 3 credit points — Level G

Technological Innovation and Entrepreneurship G (11530) | 3 credit points — Level G

- 1. Students must not select G Level units that are similar to any they have studied in their pathway courses.

- 2. With the permission of the Program Director, G Level units may be replaced by PG Level units.

PG Level Units - Must do at least 6 credit points from the following

Business Intelligence Systems PG (6680) | 3 credit points — Level P

Information Security PG (6682) | 3 credit points — Level P

Knowledge Management Systems PG (6688) | 3 credit points — Level P

Computer and Network Security PG (6697) | 3 credit points — Level P

Business Informatics Case Studies PG (7106) | 3 credit points — Level P

Graphics Visualisation Techniques PG (7108) | 3 credit points — Level P

Game Programming Techniques PG (7191) | 3 credit points — Level P

Social Informatics PG (7196) | 3 credit points — Level P

Soft Computing PG (7197) | 3 credit points — Level P

Information Sciences Internship PG (7900) | 3 credit points — Level P

Project Management PG (8427) | 3 credit points — Level P

Data Analytics and Business Intelligence PG (8697) | 3 credit points — Level P

Computer Vision and Image Analysis PG (8890) | 3 credit points — Level P

Programming Natural User Interfaces PG (8891) | 3 credit points — Level P

Enterprise and Cloud Computing PG (11510) | 3 credit points — Level P

Pattern Recognition and Machine Learning PG (11512) | 3 credit points — Level P

Internet of Things PG (11513) | 3 credit points — Level P

System and Network Administration PG (11515) | 3 credit points — Level P

AR/VR for Data Analysis and Communication PG (11524) | 3 credit points — Level P

Advances in Information Sciences and Engineering PG (11526) | 3 credit points — Level P

Cloud Computing Architecture PG (11527) | 3 credit points — Level P

In addition to course requirements, in order to successfully complete your course you must 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

Enterprise Systems G (11518)

Professional Practice in IT G (6676)

Systems Analysis and Modelling G (6677)

Systems Project and Quality Management G (6678)

Semester 2

Two Restricted Choice Units (G or PG Level)

Two Restricted Choice Units (PG Level)

Standard Full Time, Semester 2 Commencing

Year 1

Semester 2

Enterprise Systems G (11518)

Professional Practice in IT G (6676)

Systems Analysis and Modelling G (6677)

Systems Project and Quality Management G (6678)

Year 2

Semester 1

Two Restricted Choice Units (G or PG Level)

Two Restricted Choice Units (PG Level)

Course information

Course duration

Standard 1 year full time, or part time equivalent. Maximum - 4 years.

Learning outcomes

Learning outcomes	Related graduate attributes
Achieve expertise in a key area of information technology and systems, with superior ethical and social skills and competencies in problem solving, and a sound fundamental understanding of the principles and methods of business informatics.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; 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; take pride in their professional and personal integrity. 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. 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.
Establish deep knowledge base in information technology and systems discipline, to facilitate effective communication with those involved in the ITS industry, and acquire the skills necessary to operationally manage and coordinate IT systems within ITS industry.	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; 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. UC graduates are global citizens: Think globally about issues in their profession; and make creative use of technology in their learning and professional lives.

	UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; and evaluate and adopt new technology.
Demonstrate coherent foundation knowledge of Information Technology principles and ICT core body of knowledge and be able to apply key technologies and use them effectively in an organisation.	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; 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. UC graduates are global citizens: Think globally about issues in their profession; and make creative use of technology in their learning and professional lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; evaluate and adopt new technology.
Critically analyse, interpret and synthesise complex problems, solutions, concepts or theories in information technology area, to address the needs of a broad range of stakeholders, including technology specialists, managers, clients, regulators, 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; 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; and evaluate and adopt new technology.
Develop an advanced and integrated understanding and innovation mindset, to identify and analyse complex problems within information technology and systems discipline, and design sustainable novel technology solutions to these problems at a	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; and take pride in their professional and personal integrity.

highly skilled level.	UC graduates are global citizens: Think globally about issues in their profession; 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: 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. |

Awards

Award	Official abbreviation
Graduate Diploma in Business Informatics	GradDip BusInformatics

Alternative exits

Alternative Exits:

Graduate Certificate in Business Informatics - Must have passed 12 credit points as follows: Professional Practice in IT G, Systems Analysis and Modelling G, Systems Project and Quality Management G and Enterprise Systems G (or other Information Technology and Systems units at G or PG Level as approved by the Program Director).

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

Download your course guide

Scholarships

Find the scholarship that's the right fit for you

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