UNIVERSITY OF CANBERRA

Master of Business Informatics (309JA.1)

Please note these are the 2019 details for this course

Domestic students

Selection rank	PG
Delivery mode	On campus
Location	Bruce, Canberra
Duration	2.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Technology
UAC code	
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	2.0 years
Faculty	Faculty of Science and Technology
Discipline	Academic Program Area - Technology
CRICOS code	087618B
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

Master the business of informatics at UC

Accredited by the Australian Computer Society, our Master of Business Informatics is a two-year program that prepares you for participation in the 'knowledge economy'. The course addresses key areas pertinent to IT professionals and, especially, business analysts.

Fine-tune your qualifications with electives in the areas of accounting, HR, strategic management, data analytics or information sciences. Upon graduation, you can confidently embrace the workforce, choosing from a variety of specialised IT roles, such as program analyst, systems architect, information systems manager, and beyond.

Study a Master of 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
- undertake a human-computer interaction design project
- 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
- use SPSS and gain knowledge of key data and national and international indicators from Australia and other Asia-Pacific countries.

Work Integrated Learning

In this course, you will undertake a specialised research project as part of the University's commitment to supporting Work Integrated Learning (WIL). You will be encouraged to link your research to your previous professional practical experience, or relate it to your current field of employment.

You can tailor your learning around your specific areas of interest and future employment aspirations, and internships are possible as part of your range of elective units. Previous Business Informatics students have undertaken internships and cadetships with organisations such as PricewaterhouseCoopers (PwC), Fujitsu Australia, Birdsnest, the University of Canberra, and more.

Career opportunities

- IT security analyst
- Business analyst
- Systems analyst
- IT project manager
- ICT consultant
- Web developer
- IT systems test engineer
- Information analyst
- Data scientist
- Systems architect
- Information systems manager
- IT auditor
- IT business manager
- Solutions engineer

Course-specific information

This course is accredited by the professional body, the Australian Computer Society, at the Professional level.

A clear pathway of study exists between this degree, the undergraduate Bachelor of Business Informatics, and the postgraduate Graduate Certificate and Graduate Diploma in Business Informatics courses. Credit equivalent to the Graduate Diploma in Business Informatics may be given to applicants who have an undergraduate Business Informatics or Information Technology degree AND 3 years of relevant work experience.

Professional accreditation

This course is accredited by the professional body, the Australian Computer Society, at the Professional level (subject to the ACS accreditation processes in 2015).

Admission requirements

A Bachelor degree from Australia or a recognised overseas institution. No previous Business Informatics or ICT knowledge is assumed.

Assumed knowledge

Fluency in the use of desktop computers (eg for everyday work) and excellent English spoken and written communication skills.

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

Master of Business Informatics (309JA) | 48 credit points

Expand All | Collapse All

Required - Must pass 33 credit points as follows

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

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

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

IT and Business Alignment PG (6683) | 3 credit points — Level P

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

Human Behaviour in Organisations G (9502) | 3 credit points — Level G

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

BGL Research Project PG (9504) | 3 credit points — Level P

Research Methods PG (9505) | 3 credit points — Level P

Restricted Choice - 15 credit points from the following

G Level Units - May do up to 3 credit points from the following

Accounting for Managers G (6221) | 3 credit points — Level G

Human Resource Management G (6238) | 3 credit points — Level G

Business Decision Models G (6550) | 3 credit points — Level G

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

Sociology of Technology and Work G (7548) | 3 credit points — Level G

Organisational Performance G (7777) | 3 credit points — Level G

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

Business and Financial Mathematics G (8939) | 3 credit points — Level G

Social Media G (9436) | 3 credit points — Level G

PG Level Units - Must pass at least 12 credit points from the following

Information Systems Management - May select from

Strategic Management PG (6277) | 3 credit points — Level P

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

Information Systems Management PG (7109) | 3 credit points — Level P

Systems Requirements and Procurement PG (8067) | 3 credit points — Level P

Ethics in Information and Technology PG (8740) | 3 credit points — Level P

Enterprise Systems - May select from

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

Database Systems PG (6681) | 3 credit points — Level P

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

Enterprise Workflow Systems PG (9669) | 3 credit points — Level P

Big Data/Business Intelligence - May select from

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

Database Systems PG (6681) | 3 credit points — Level P

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

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

Business Informatics Context - May select from

Information Law PG (6633) | 3 credit points — Level P

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

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

Dimensions of the Information Sector PG (7935) | 3 credit points — Level P

Project Units - May select from

Information Sciences Extension Studies 3 PG (7866) | 3 credit points — Level P

Information Sciences Extension Studies 4 PG (7867) | 3 credit points — Level P

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

- Students may substitute up to two PG Level units from the Master of Information Technology course with approval of the Course Convener. Only a selection of units will be on offer in any one semester.

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

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

Database Design G (6672)

Designing Human-Computer Interaction G (6673)

Management Information Systems G (9503)

Professional Practice in IT G (6676)

Semester 2

Human Behaviour in Organisations G (9502)

Systems Analysis and Modelling G (6677)

Systems Project and Quality Management G (6678)

G or PG Level Unit

Year 2

Semester 1

IT and Business Alignment PG (6683)

Research Methods PG (9505)

Two PG Level Units

Semester 2

BGL Research Project PG (9504)

Project Management PG (8427)

Two PG Level Units

Standard Full Time, Semester 2 Commencing

Year 1

Semester 2

Database Design G (6672)

Management Information Systems G (9503)

Professional Practice in IT G (6676)

Systems Analysis and Modelling G (6677)

Year 2

Semester 1

Designing Human-Computer Interaction G (6673)

Human Behaviour in Organisations G (9502)

Systems Project and Quality Management G (6678)

G or PG Level Unit

Semester 2

Project Management PG (8427)

Research Methods PG (9505)

Two PG Level Units

Year 3

Semester 1

BGL Research Project PG (9504)

IT and Business Alignment PG (6683)

Two PG Level Units

Course information

Course duration

Standard four semesters full-time or equivalent. Maximum ten semesters.

Learning outcomes

Learning outcomes	Related graduate attributes

Knowledge: Graduates who complete the Master of Information Systems will obtain a body of knowledge that includes the understanding of recent developments in the information systems discipline and associated professional practice. In particular, graduates will acquire knowledge that will help to understand the intent and context of systems; business processes and associated work practices, requirements and information needs; and the impacts of actions on the business as a whole. Graduates will also obtain knowledge of Business Informatics research principles and methods. Graduates will have a commitment to, professional ethics and the norms of that Information Technology practice also have the required knowledge and understanding to assess relevant professional issues within local and global contexts, and the consequential responsibilities relevant to professional Information Technology practice.	Communication Analysis and inquiry Problem solving Working independently and with others Professionalism and social responsibility In addition to the UC qualities and skills the Seoul Accord identifies the following as important for our graduates: Knowledge for solving computing problems Modern tool usage
Application of knowledge and skills: Graduates who complete the Master of Business Informatics will be able to apply the knowledge and skills obtained with creativity and initiative to new situations in information systems practice and their ongoing professional development. The will also demonstrate a high level of personal autonomy in their future work in planning and executing a substantial informatics project connecting information systems theory with practice. Graduates will also be able to apply research-based learning and thinking to new disciplinary and/or professional contexts.	Communication Analysis and inquiry Problem solving Working independently and with others Professionalism and social responsibility In addition to the UC qualities and skills the Seoul Accord identifies the following as important for our graduates:

	Modern tool usage Lifelong learning
Skills: Graduates who complete the Master of Business Informatics will have developed: -cognitive skills to demonstrate mastery of theoretical knowledge and to reflect critically on theory and professional practice in the areas of business analysis, business change management and implementation, project management and business strategy and planning of information systems. Graduates will have the ability to investigate and analyse complex problems in the information systems domain and apply established theories to practical situations within organisations. -communication skills to justify and interpret information systems work to technical and business stakeholders and for working effectively within teams. Graduates will also be able to reflect on the theoretical foundations for their information systems work and make contribute to enhancing information systems professional practice.	Communication Analysis and inquiry Problem solving Working independently and with others Professionalism and social responsibility In addition to the UC qualities and skills the Seoul Accord identifies the following as important for our graduates: Modern tool usage Lifelong learning

Awards

Award	Official abbreviation
Master of Business Informatics	M BusInformatics

Honours

None.

Alternative exits

The Graduate Certificate in Business Informatics and the Graduate Diploma in Business Informatics are subsumable into this course.

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

Explore Scholarships

University of Canberra, Bruce ACT 2617 Australia

+61 2 6201 5111

ABN 81 633 873 422

CRICOS 00212K

TEQSA Provider ID: PRV12003 (Australian University)

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.