AIS Collection of IS Institutions and Educational Resources

Institution Name	**College/School**	**Full Postal Address**
University of Canberra	School of Information Technology and Systems	11 Kirinari St, Bruce Canberra, ACT, 2617 Australia

Country	**AIS Region**
Australia	Region 3: Asia, Pacific

Web Link:

https://www.canberra.edu.au/

Contact

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Institution Summary

Dynamic and vibrant, the University of Canberra (UC) is embedded deep in the soul of Canberra, the Australian capital. Canberra is a place where ideas are born, creativity is explored and opportunity is created.

Our home in Canberra and connection with our neighbouring communities shapes our purpose as a university. Whether it's fostering innovation, meeting health-care needs, solving environmental challenges or equipping our future leaders, our University is an embodiment of our distinctive city. Canberra is a wonderful place to live, study and work – a safe, connected, multicultural city which boasts great scenery, excellent entertainment and sports venues, a buzzing food scene and a glittering galaxy of cultural institutions.

As a university anchored in Australia's capital, we work with government, business and industry to serve our communities and nation, and to be the capital's educational window to the world. From this vantage point, we challenge the status quo in a relentless pursuit of original and better ways to teach, learn, research and add value – locally and internationally.

We are the university for Australia's capital region. We will be the most accessible university in Australia and a global leader in driving equality of opportunity.

Within UC's Faculty of Science and Technology, the School of Information Technology and Systems offers programs in Information Systems, alongside other programs in Information Technology and Engineering.

The Research Cluster of Digital Inequality and Social Change (RC DISC) is built on the research strength and interest of a multi-disciplinary research group focusing on:
- Digital divide and inequality
- ICT for development (ICT4D)
- Antecedents of digital and social transformation
- Sociocultural impact of IT

- Ethics, privacy, wellbeing and safety
- IT for marginalised and indigenous societies

Programs and Courses Summary

UC's courses in information systems are the Bachelor of Business Informatics and the Master of Business Informatics, that includes the nested Graduate Certificate in Business Informatics and Graduate Diploma in Business Informatics. These are offered in an on-campus mode of delivery.

Information Systems Programs

Program Name	Bachelor of Business Informatics
Program Description	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.
Level	BA
Teaching Mode	On campus
Semester duration of program	6
Learning objectives	Explain and practice ICT profession, including professional ethics, professional expectations, team work skills, communication skills, societal issues, legal issues, and privacy issues etc. 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. 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. Evaluate, formulate, and criticise solutions to communicate and interpret information systems programs to technical and non-technical stakeholders. 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.

Highlights of the program	Study a Bachelor of Business Informatics at UC and you will: - achieve comprehensive insight into engineering aspects of computer science - 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.

Information Systems Courses

Course Name	Master of Business Informatics
Course Description	Master the business of informatics at UC If you're in IT and looking to get ahead, then the UC Master of Business Informatic course offers the perfect opportunity to expand your skills in areas vital to the intertwined worlds of Business and Information Technology - while simultaneously gaining the knowledge and qualifications to give your career a much-needed boost. This two-year program has been created to address key areas pertinent to IT professionals and is of particular advantage to those looking at progressing into a career as business analysts. This course also offers students a range of electives to help you fine-tune your qualifications and specialise in areas such as accounting, HR, strategic management, data analytics or information sciences. On completion of the course you will be able to return to the workforce as a confident, competent specialist with the knowledge and skills to progress comfortably into a career in a variety of specialised IT roles, such as program analyst, systems architect, information systems manager, and beyond. This course offers you the chance to prepare you for a career in the 'knowledge economy' and is accredited by the Australian Computer Society. This course also offers you the chance to specialise in Cloud Computing, Cybersecurity, Data Science, Project Management or Social Informatics.
Learning objectives	Analyse, interpret and synthesise complex problems, solutions, concepts or theories in information technology and systems area, to address the needs of a broad range of stakeholders, including technology specialists, managers, clients, regulators, etc. 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. Navigate in an increasingly complex global technological innovation environment, with legal, ethical, economic and business-related challenges, in a fast-changing field. 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 highly skilled level. 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 the ITS industry. Use professional skills and knowledge in the systematic development of complex information technologies and systems and apply their skills and knowledge in a professionally responsible manner.
Level	MA
Teaching Mode	On campus