The Graduate Diploma of Information Systems degree will prepare you to be an IS professional working in today’s global business. Today’s IS professionals work to help leaders in business and government solve problems and keep their organizations competitive by using modern information and communications technology. The work is people-oriented and organisationally-focused as well as being technically informed. Hence people skills and organisational skills are critically important, along with the knowledge of the potential of contemporary information and communication technologies.

A modern IS professional’s work is exciting, highly challenging and very well remunerated, and such a career leads to senior positions in business and government involving the planning and managing of information and communication investments. Such a career is not for people who enjoy sitting behind computers and working in a solitary way on technical problems, but is for those who enjoy solving business problems in creative ways by utilising both business and technical knowledge.

The Graduate Diploma in Information Systems is intended to meet the need for retraining and professional development of graduates in the field of information systems. On completion of the Diploma students should have a level of understanding in information systems comparable to a major in Information Systems in a Bachelors degree.

The Graduate Diploma may be studied by those students who wish to progress to the Master of Information Systems program, but do not have a qualification in information systems, or a closely related discipline.

Course structure

The Graduate Diploma consists of the equivalent of one year’s full-time study. The program consists of eight coursework units, each with a weighting of 12.5%. The Diploma can be completed in two to three years of part-time study.

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<th>Units</th>
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<tr>
<td>KXI121 Requirements Analysis and Modelling</td>
<td>KXI1321 Information Systems Management</td>
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<tr>
<td>KXI122 Business and Information Analysis</td>
<td>KXI1324 Enterprise Resource Planning</td>
</tr>
<tr>
<td>KXX231 ICT Project Management</td>
<td>KXI1204 Business Logistics</td>
</tr>
<tr>
<td>KXI1223 Systems Acquisition and Implementation Management</td>
<td>KXT313 - Human Computer Interaction or BMA201 - Organisational Behaviour</td>
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Careers

Graduates of this degree are employed in positions such as ICT business analyst, computer systems auditor, information architect, information strategy developer, database designer, information security analyst, project manager, business process analyst, systems analyst, chief information officer, logistics manager, ICT manager, information manager, ICT consultant.
Degree outcomes

At the end of this course, you should be able to enhance the performance of organisations, including business, government and community groups, by:

1. applying business, project management and technical ICT knowledge to:
   • interpret and critically analyse organizational needs in different business contexts
   • identify, frame and structure organisational problems
   • use systems analysis techniques and tools to analyse and model business processes & information requirements
   • contribute to the formulation of an organisational information systems strategy

2. designing, implementing and evaluating ICT-enabled solutions by:
   • researching and developing alternative strategies considering their associated benefits, risks, limitations and opportunities taking account of societal, health, safety, legal, and cultural issues
   • sourcing chosen solutions and managing change associated with the implementation
   • reviewing and assessing the effectiveness of implemented solutions

3. acting professionally within local and global contexts by:
   • communicating in different modes to diverse audiences including clients, peers, and other professionals
   • adhering to professional and ethical codes of conduct
   • working independently and collaborating in diverse teams to achieve goals

School facilities and resources

Students will gain experience in state-of-the-art laboratories using Apple Macintosh, Microsoft Windows and Linux. All systems in the School of Computing & Information Systems access AARNet (the Australian Academic and Research Network), which connects most universities and research organisations in Australia to the Internet. Wireless networking is provided for student-owned laptops. School facilities and resources are available to students twenty four hours per day, seven days per week. In addition to the academic program, the School holds dinners, barbecues and social events throughout the year, and there are support and interest groups such as the Tasmanian University Computer Society (TUCS), a Mentor Scheme for beginning students, and an International Affairs Coordinator to assist overseas students.

University resources

On campus there are libraries, sports centres, gymnasiums, tennis courts, squash courts, sports fields, banks, travel agents, shops, bars, cafes, cultural and sporting clubs and societies, and student Health, Housing, Careers and Employment services. The University issues students with ID cards that, for full-time students, provide discounts on movie tickets, transport, travel and more. In addition there are computers available in the libraries, faculties, student union and IT Services laboratories across campus.

Admission requirements

Entry to the Graduate Diploma is possible in either February (semester 1) or July (semester 2) of each year. Candidates for the Graduate Diploma in Information Systems are required to satisfy any of the following:

• have a 3 year degree from an accredited university institution; or
• have a 4 unit Graduate Certificate in Information Systems or equivalent from an accredited tertiary institution.

For entry into all postgraduate courses, international students must provide an IELTS test score of at least Band 6 with a minimum of 6.0 on all bands or a TOEFL score of 575 with a Test of Written English score of no less than 4.5. This test must not be more than 24 months old.

Professional recognition

Successful completion of the Bachelor of Information Systems degree meets the academic entry requirements for associate membership of the Australian Computer Society.

Contacts

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