

615-681 Business Analysis Modeling and Design

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| Credit Points: | 12.50 |
| Level: | 9 (Graduate/Postgraduate) |
| Dates & Locations: | 2009, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - Taught on campus. Lectures |
| Time Commitment: | Contact Hours: 3 hours per week Total Time Commitment: 10 hours per week |
| Prerequisites: | None |
| Corequisites: | None |
| Recommended Background Knowledge: | None |
| Non Allowed Subjects: | None |
| Core Participation Requirements: | It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit. |
| Coordinator: | Dr Sandrine Helene Balbo, Dr Simon Milton |
| Subject Overview: | This subject introduces the fundamental processes for identifying information systems requirements, leading to the specification and design of information systems or the selection of commercial off-the-shelf packages to support business processes. Students will gain experience in the tools and techniques for the initial stages of these analysis and design cycles. Topics will include analysis tools and techniques, data and process modelling and systems development methodologies. |
| Objectives: | At the conclusion of this subject, students should be able to: 1- explain the systems approach to using ICT to solve business problems 2- describe and apply requirements gathering techniques 3- use appropriate modelling techniques to best understand a business context and need for an information system 4- write reports documenting information systems requirements 5- compare and contrast different systems development methodologies 6- select and justify using a systems development methodology to solve a business problem 7- initiate a case that justifies the purchase of commercial off-the-shelf(COTS) packages. |
| Assessment: | Group assessment: 2 x Written Reports: Report 1 to be 20 pages due mid semester and Report 2 to be 25 pages due end of semester (65%). 2 x 15 minute Oral presentations, due Seminar 6 & Seminar 12 (15%). Individual assessment (marked as pass/fail): 3 x written critique of reports: Critique 1 to be 3 pages due mid semester; Critique 2 to be 3 pages due week 8; Critique 3 to be 4 pages due end of semester. Overall Participation (20%). |
| Prescribed Texts: | Avison, D. and Fitzgerald, G. Information Systems Development: Methodologies, Techniques and Tools, McGraw-Hill, 2006. |
| Recommended Texts: | A reading pack will be made available. |
| Breadth Options: | This subject is not available as a breadth subject. |

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| Fees Information: | Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees |
| Generic Skills: | Students should have honed generic skills such as clear thinking, improved reading and writing, enhanced ability to work in a team of people, and presentation skills. |
| Links to further information: | http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html |
| Related Course(s): | Master of Information Systems Master of Information Systems (Coursework) Postgraduate Certificate in Information Systems Postgraduate Diploma in Information Systems |
| Related Majors/Minors/ Specialisations: | R05 RI Master of Science - Information Systems |