864BB Master of Information Systems

Year and Campus:	2011 - Parkville
CRICOS Code:	023203K
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	150 credit points taken over 18 months full time. This course is available as full or part time.
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Course Overview:	The Master of Information Systems (MIS) 150 point program is a professional degree for those seeking an advanced career in IT management and digital business. The MIS is taught in the **Department of Information Systems (http://www.dis.unimelb.edu.au/)** .
Objectives:	The key objective of the MIS is to equip students with the knowledge and skills needed to manage and change business processes through information and communications technology (ICT) and information systems. The MIS is also designed to connect students with the real world of IT Management through the industry links of staff teaching in the program. The degree covers recent developments in IT infrastructure, applications, and emerging technologies. It also covers IT strategy, IT governance, IT project and change management, achieving compliance, protecting against threats, and IT service provision. The program contains a wide range of elective subjects, allowing the student to organise their study towards particular careers in IT Management and digital business. In addition to these essential areas of knowledge, students should also gain a broad business and real world perspective together with experience in applying business communication, interpersonal, and team skills to real situations. Critical thinking and analytical skills are honed through a mixture of advanced teaching models including case-based, experiential, and team-based approaches.
Course Structure & Available Subjects:	The 150 points course will be comprised of the following: 'Lower' Core Subjects: 50 points The following four 'lower' core subjects have no prerequisites and, in a student's first year of full-time study, are normally taken in parallel with the foundation subjects as described above. IS skills • ISYS90048 (615-680) Information Technology Infrastructure • ISYS90049 (615-681) Business Analysis Modelling and Design IS management • ISYS90045 (615-695) Professional IS Consulting • ISYS90050 (615-682) IS Project and Change Management 'Upper' Core Subjects: 50 points The following four 'upper' core subjects each have a prerequisite of 50 points of study (for students in the 200 point 2 year MIS) and are therefore normally taken in parallel with elective subjects in a student's second year of full-time study in the course. IS skills • ISYS90032 (615-652) Emerging Technologies and Issues • ISYS90043 (615-671) Business Applications and Architectures IS management • ISYS90038 (615-660) IS Strategy and Governance

• ISYS90051 (615-683) Impact of Digitisation

plus

Four elective subjects as approved by the Department of Information Systems. The following information systems subjects are available in 2011:
• SINF90002 (615-636) Interaction Design and Usability
• SINF90004 (615-644) Data Warehousing
• SINF90006 (615-670) Internet Software Development Principles
• ISYS90034 (615-655) Business to Business Electronic Commerce
• ISYS90035 (615-656) Knowledge Management Systems
• ISYS90036 (615-657) Enterprise Systems
• ISYS90037 (615-659) Advanced IS Project Management
• ISYS90039 (615-661) Innovation and Entrepreneurship in IT
• ISYS90040 (615-662) Advanced IS Change Management
• ISYS90052 (615-684) Models of IS Project Management
• ISYS90055 (615-688) ICT Outsourcing Contract Management
• ISYS90068 (615-504) Service Science
• SCIE90004 (600-6160 Science in Context
• SCIE90007 (615-505) e-Science
• SCIE90009 (615-668) Critical Analysis in Science
• ISYS90069 eHealth
• ISYS90070 Information security consulting
• ISYS90031 (615-610) Research Methods in Information Systems
• ISYS90044 (615-690) Minor Research Project in IS (25 points)

Subject Options:

Subject	Study Period Commencement:	Credit Points:
ISYS90048 Information Technology Infrastructure	Not offered 2011	12.50
ISYS90049 Business Analysis Modeling and Design	Not offered 2011	12.50
ISYS90045 Professional IS Consulting	Not offered 2011	12.50
ISYS90050 IS Project and Change Management	Not offered 2011	12.50
ISYS90032 Emerging Technologies and Issues	Not offered 2011	12.50
ISYS90043 Business Applications & Architectures	Not offered 2011	12.50
ISYS90038 IS Strategy and Governance	Not offered 2011	12.50
ISYS90051 Impact of Digitisation	Not offered 2011	12.50
SINF90002 Interaction Design and Usability	Not offered 2011	12.50
SINF90004 Data Warehousing	Not offered 2011	12.50
SINF90006 Internet Software Development Principles	Not offered 2011	12.50
ISYS90034 Business to Business Electronic Commerce	Not offered 2011	12.50
ISYS90035 Knowledge Management Systems	Not offered 2011	12.50
ISYS90036 Enterprise Systems	Not offered 2011	12.50
ISYS90037 Advanced IS Project Management	Not offered 2011	12.50
ISYS90039 Innovation & Enterpreneurship in IT	Not offered 2011	12.50
ISYS90040 Advanced IS Change Management	Not offered 2011	12.50
ISYS90052 Models of IS Project Management	Not offered 2011	12.50
ISYS90055 ICT Outsourcing Contract Management	Not offered 2011	12.50

ISYS90068 Service Science	Not offered 2011	12.50
SCIE90004 Science in Context	Not offered 2011	12.50
SCIE90007 E-Science	Not offered 2011	12.50
SCIE90009 Critical Analysis in Science	Not offered 2011	12.50
ISYS90069 eHealth & Biomedical Informatics Systems	Not offered 2011	12.50
ISYS90070 Information Security Consulting	Not offered 2011	12.50
ISYS90031 Research Methods in Information Systems	Not offered 2011	12.50
ISYS90044 Minor Research Project in IS	Not offered 2011	25

Entry Requirements:	# An undergraduate degree in any discipline with at least H3 (65%) average in the final year of study and at least one year documented relevant work experience; or # a Graduate Certificate in Information Systems with at least H3 (65%) average in the Graduate Certificate or equivalent.
Core Participation Requirements:	The Master of Information Systems welcomes applications from students with disabilities. It is University and degree policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the degree.The Master of Information Systems requires all students to enrol in subjects where they will require: (1) the ability to comprehend complex science and technology related information;(2) the ability to clearly and independently communicate a knowledge and application of science, and technology principles and practices during assessment tasks; (3) the ability to actively and safely contribute in clinical, laboratory, and fieldwork/excursion activities.Students must possess behavioural and social attributes that enable them to participate in a complex learning environment. Students are required to take responsibility for their own participation and learning. They also contribute to the learning of other students in collaborative learning environments, demonstrating interpersonal skills and an understanding of the needs of other students. Assessment may include the outcomes of tasks completed in collaboration with other students.There may be additional inherent academic requirements for some subjects, and these requirements are listed within the description of the requirements for each of these subjects.Students who feel their disability will impact on meeting this requirement are encouraged to discuss this matter with the relevant Subject Coordinator and the Disability Liaison Unit: http://www.services.unimelb.edu.au/disability/
Further Study:	An entry pathway to PhD is possible if students complete the following elective subjects: # ISYS90031 (615-610) Research Methods in Information Systems; and # ISYS90044 (615-690) Minor Research Project in IS (25 points).
Graduate Attributes:	Graduates will have the ability to demonstrate advanced independent critical inquiry, analysis and reflection. The degree has significant engagement and involvement from local and international practicing information systems professionals.Graduating students qualify for membership of the appropriate professional body, the Australian Computer Society, and are informed by the most up-to-date evidence based research in information systems throughout the degree.
Links to further information:	http://graduate.science.unimelb.edu.au