

864AL Master of Information Systems

Year and Campus:	2010 - Parkville
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	200 credit points taken over 24 months full time. This course is available as full or part time.
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Course Overview:	The Master of Information Systems (MIS) 200 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:	Students will normally complete four foundation subjects in the areas of business and information systems to complement their first degree studies which may include: <ul style="list-style-type: none"> # 433-520 Programming and Software Development # 615-570 Database Systems and Information Modelling # 615-502 Fundamentals of Information Systems The specific subjects selected will be determined after consultation with the MIS Coordinator taking into account the academic background of the student. The remaining 150 points 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 <ul style="list-style-type: none"> # 615-680 Information Technology Infrastructure # 615-681 Business Analysis Modelling and Design IS management <ul style="list-style-type: none"> # 615-682 IS Project and Change Management # 615-695 Professional IS Consulting

'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

- # 615-671 Business Applications and Architectures
- # 615-652 Emerging Technologies and Issues

IS management

- # 615-660 IS Strategy and Governance
- # 615-683 Impact of Digitisation

Elective Subjects: 50 points

Four elective subjects as approved by the Department of Information Systems. The following information systems elective subjects are available in 2010:

- # 615-636 Interaction Design and Usability
- # 433-520 Programming and Software Development
- # 615-570 Database Systems and Information Modelling
- # 615-502 Fundamentals of Information Systems
- # 615-680 Information Technology Infrastructure
- # 615-681 Business Analysis Modelling and Design
- # 615-682 IS Project and Change Management
- # 615-695 Professional IS Consulting
- # 615-671 Business Applications and Architectures
- # 615-652 Emerging Technologies
- # 615-660 IS Strategy and Governance
- # 615-683 Impact of Digitisation
- # 615-644 Data Warehousing
- # 615-655 Business to Business Electronic Commerce
- # 615-656 Knowledge Management Systems
- # 615-657 Enterprise Systems
- # 615-659 Advanced IS Project Management
- # 615-661 Innovation and Entrepreneurship in IT
- # 615-662 Advanced IS Change Management
- # 615-670 Internet Software Development Principles
- # 615-684 Models of IS Project Management
- # 615-685 Managing In-house IT Service Provision
- # 615-688 ICT Outsourcing Contract Management
- # 615-610 Research Methods in Information Systems
- # 615-690 Minor Research Project in IS (25 points)

Subject Options:

Subject	Study Period Commencement:	Credit Points:
COMP90041 Programming and Software Development	Semester 1, Semester 2	12.50
SINF90001 Database Systems & Information Modelling	Semester 1, Semester 2	12.50
ISYS90026 Fundamentals of Information Systems	Semester 1, Semester 2	12.50
ISYS90048 Information Technology Infrastructure	Semester 1	12.50
ISYS90049 Business Analysis Modeling and Design	Semester 1, Semester 2	12.50

	ISYS90050 IS Project and Change Management	Semester 2	12.50
	ISYS90045 Professional IS Consulting	Semester 1, Semester 2	12.50
	ISYS90043 Business Applications & Architectures	Semester 1	12.50
	ISYS90032 Emerging Technologies and Issues	July	12.50
	ISYS90038 IS Strategy and Governance	Semester 1	12.50
	ISYS90051 Impact of Digitisation	Semester 2	12.50
	SINF90004 Data Warehousing	Semester 1	12.50
	ISYS90034 Business to Business Electronic Commerce	Semester 2	12.50
	ISYS90035 Knowledge Management Systems	Semester 1	12.50
	ISYS90036 Enterprise Systems	Semester 1	12.50
	ISYS90037 Advanced IS Project Management	Semester 1	12.50
	ISYS90039 Innovation & Entrepreneurship in IT	Semester 1	12.50
	ISYS90040 Advanced IS Change Management	Semester 2	12.50
	SINF90006 Internet Software Development Principles	Semester 1, Semester 2	12.50
	615-672 Pervasive Computing	Not offered 2010	12.50
	ISYS90052 Models of IS Project Management	Semester 2	12.50
	ISYS90053 Managing In-house IT Service Provision	Semester 1	12.50
	615-686 ICT Outsourcing Fundamentals	Not offered 2010	12.50
	615-687 ICT Contract Law Basics	Not offered 2010	12.50
	ISYS90055 ICT Outsourcing Contract Management	Semester 2	12.50
	615-692 Organisational Behaviour for IS Managers	Not offered 2010	12.50
	ISYS90031 Research Methods in Information Systems	Semester 1	12.50
	ISYS90044 Minor Research Project in IS	Semester 1, Semester 2	25
	SINF90002 Interaction Design and Usability	Semester 2	12.50
Entry Requirements:	An undergraduate degree in any discipline with at least H3 (65%) average in the final year of study or equivalent.		
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. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.		
Further Study:	An entry pathway to PhD is possible if students complete the following elective subjects: # 615-610 Research Methods in Information Systems; and # 615-690 Minor Research Project in IS (25 points).		
Graduate Attributes:	Graduates should 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