864-BB Master of Information Systems (Coursework)

Year and Campus:	2009
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	
Coordinator:	Dr Wally SmithEmail: wsmith@unimelb.edu.au
Contact:	Melbourne Graduate School of Science Faculty of Science The University of Melbourne Tel: + 61 3 8344 6404 Fax: +61 3 8344 5803 Web: http://graduate.science.unimelb.edu.au
Course Overview:	The Master of Information Systems (MIS) 150 point program provides an advanced course of study for students who want to understand how information technology can be used to create change and value in an organisation. The MIS is the Department of Information Systems showcase postgraduate coursework suite of programs, designed for IS/IT practitioners who want to take a step up in the IS profession. It is ideal for those planning to work in roles spanning the IT and business organisations.
Objectives:	The key objective of the Master of Information Systems is to equip students with capabilities to integrate key information technologies and systems into contemporary organisations. Thus the degree covers knowledge about how IT infrastructure, applications, emerging technologies and systems can be used by organisations. Additionally, it covers the managment capabilities in handling IT strategy, providing IT governance, understanding project lead change, achieving compliance, protecting against threats, and in IT service provision. Those without working knowledge of IT management also require grounding in concrete real-world business processes and the roles assumed by technicians in developing information systems. Additional to the core knowledge areas above, 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. Further, critical thinking and analytical skills are honed through a mixture of advanced teaching models including case-based, experiential, and team-based approaches. Finally, specific career directing electives in areas demanded by industry are available for students to round out their information systems education.
Course Structure & Available Subjects:	Students complete eight IS core subjects as follows: IS skills # 615-680 Information Technology Infrastructure # 615-681 Business Analysis Modelling and Design # 615-671 Business Applications and Architectures # 615-652 Emerging Technologies and Issues *IS management* # 615-682 IS Project and Change Management # 615-660 IS Strategy and Governance # 615-683 Impact of Digitisation # 615-695 Professional IS Consulting plus

Four elective subjects as approved by the Department of Information Systems

The following information systems subjects are available in 2009:

- 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
- 615-672 Pervasive Computing
- 615-684 Models of IS Project Management
- 615-685 Managing In-house IT Service Provision
- 615-686 ICT Outsourcing Fundamentals
- 615-687 ICT Contract Law Basics
- 615-688 ICT Outsourcing Contract Management
- 615-692 Organisational Behaviour for IS Managers
- 615-610 Research Methods in Information Systems
- 615-690 Minor Research Project in IS (25 points)

Further information in regards to elective subjects is available at: http://www.dis.unimelb.edu.au/current/postgrad/subjects/index.html

Subject Options:

Subject	Study Period Commencement:	Credit Points:
615-680 Information Technology Infrastructure	Semester 1, Semester 2	12.500
615-681 Business Analysis Modeling and Design	Semester 1, Semester 2	12.500
615-671 Business Applications & Architectures	Semester 1	12.500
615-652 Emerging Technologies and Issues	Semester 2	12.500
615-682 IS Project and Change Management	Semester 2	12.500
615-660 IS Strategy and Governance	Semester 1	12.500
615-683 Impact of Digitisation	Semester 1, Semester 2	12.500
615-695 Professional IS Consulting	Semester 1, Semester 2	12.500
615-644 Data Warehousing	Semester 2	12.500
615-655 Business to Business Electronic Commerce	Semester 2	12.500
615-656 Knowledge Management Systems	Semester 1	12.500
615-657 Enterprise Systems	Semester 2	12.500
615-659 Advanced IS Project Management	Semester 1	12.500
615-661 Innovation & Enterpreneurship in IT	Semester 1	12.500
615-662 Advanced IS Change Management	Semester 1	12.500
615-670 Internet Software Development Principles	Semester 1, Semester 2	12.500
615-672 Pervasive Computing	Semester 1	12.500

	615-684 Models of IS Project Management	Semester 2	12.500
	615-685 Managing In-house IT Service Provision	Semester 1	12.500
	615-686 ICT Outsourcing Fundamentals	Not offered 2009	12.500
	615-687 ICT Contract Law Basics	Not offered 2009	12.500
	615-688 ICT Outsourcing Contract Management	Semester 2	12.500
	615-692 Organisational Behaviour for IS Managers	Not offered 2009	12.500
	615-610 Research Methods in Information Systems	Semester 1	12.500
	615-690 Minor Research Project in IS	Semester 1, Semester 2	25.000

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:	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 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