

499BU Master of Information Technology

Year and Campus:	2012 - Parkville
CRICOS Code:	045361C
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 12 months full time. This course is available as full or part time.
Coordinator:	Dr Peter Schachte email to: schachte@unimelb.edu.au
Contact:	<p>Melbourne School of Engineering Ground Floor, Old Engineering (Building 173)</p> <p>Current Students: Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au) Phone: 13 MELB (13 6352) +61 3 9035 5511</p> <p>Prospective Students: Email: eng-info@unimelb.edu.au (mailto:eng-info@unimelb.edu.au) Phone: + 61 3 8344 6944</p>
Course Overview:	<p>The Master of Information Technology is designed for graduates in engineering and physical sciences seeking professional development and enhancement of their IT knowledge, and also for professionals with background in other disciplines working in the IT industry without formal IT qualifications but with a broad interest in the scientific and engineering applications of the technology.</p> <p>The course design also has the provision to allow exceptional graduates in engineering, physical sciences or a cognate field to acquire research training to proceed to higher degrees by research.</p> <p>The technological understanding and skills presented in the Master of Information Technology are in high demand throughout the computing industry as society is being transformed by the emergence of highly connected, high speed high capacity networks, and a knowledge-based global e-economy.</p> <p>The course allows considerable flexibility, and individuals select their own program from the subjects on offer.</p> <p>The three major strands of study are:</p> <ul style="list-style-type: none"> # Internet Software Development Understanding web software technologies and building web applications # Intelligent Systems Understanding and developing intelligent systems for business applications # E-Business Technologies Understanding and applying technologies to business functions <p>There is no compulsory thesis component in the program, but a subject is offered in which a student may take on a research project under the supervision of a member of academic staff and document the outcome in a written report.</p>
Objectives:	<p>The program is designed to:</p> <ul style="list-style-type: none"> # Provide understanding and expertise in a number of key areas of information technology # Provide an introduction to research skills in a selected area # Improve analytical skills and competencies in problem solving # Improve oral and written communication skills
Course Structure & Available Subjects:	<p>The recommended or standard course structures are listed below. When setting the timetable every effort will be made to avoid clashes between the times of classes associated with these sets of subjects. Students should be aware however, that if it proves to be impossible to</p>

	achieve a timetable without clashes in these sets of subjects, the Faculty reserves the right to modify course structures in order to eliminate the conflicts. Students will be advised during the enrolment period of the semester if the recommended courses need to be varied. Where the courses include elective subjects these should be chosen so that timetable clashes are avoided. In particular, students in combined degrees should plan their courses so that the subjects chosen in the other faculty do not clash with those recommended for the engineering component.
Subject Options:	Please refer to <u>499AA Master of Information Technology (../view/2011/499AA)</u>
Entry Requirements:	Please refer to (499-AA) Master of Information Technology
Core Participation Requirements:	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Graduate Attributes:	Graduate Attributes: Ability to undertake problem identification, formulation, and solution Ability to utilise a systems approach to complex problems and to design and operational performance Capacity for creativity and innovation Ability to manage information and documentation
Generic Skills:	An Engineering graduate has a unique skill set comprising a blend of technical, business and interpersonal skills. Upon completion of the Master of Information Technology at the University of Melbourne, students will have strong analytical skills, the ability to lead teams and projects and the creativity to look at problems in a way that provides innovative solutions. Our graduates are known for their high standards and professionalism, their understanding of global issues and their outstanding communication skills. For details, see "Objectives".
Notes:	The program is accredited by the Australian Computer Society (ACS).