532BU Master of Engineering Project Management

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:	100 credit points taken over 12 months full time. This course is available as full or part time.
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Course Overview:	The Master of Engineering Project Management is designed to meet the needs of graduates in disciplines requiring an advanced understanding of the theoretical and practical principles of the project management function. This includes understanding of the whole process of project procurement; project team leadership skills; establishment of staff employment conditions and development of appropriate mechanisms and styles for project management.
Objectives:	On sucessful completion of the Master of Engineering Project Management a graduate should have: # Developed professional skills across the full scope of project management, from "conception to completion" and enable a leadership role in the project delivery function # Acquired skills in the initiation of projects, methods and techniques to control time cost and quality, resource management and long term stewardship of assets
Course Structure & Available Subjects:	The Master of Engineering Project Management course is a 1 year 100 point program. There are 2 12.5 point core subjects and a requirement to undertake at least 2 Project Management selective subjects plus up to 4 other selectives to satisfy the requirement of the program.
Subject Options:	**Core Subjects** 2 core subjects are required. Both are worth 12.5 points and there is 1 in both semesters 1 and 2.

Subject	Study Period Commencement:	Credit Points:
ENGM90007 Project Management Practices	Semester 1	12.50
ENGM90006 Engineering Contracts and Procurement	Semester 2	12.50

Project Management Selectives

An additional 6 (12.5 pt) subjects are required for the course of which at least 2 must be from the project management selectives detailed below. The balance of subjects are to be chosen as electives as detailed below.

Note:

400-604 Multidisciplinary Investigative Project - commences in 2011
436-646 Quality and Reliability commences in 2011 or 2012
421-659 Research Project (25 points) (Year long) – please note this subject can only be commenced in Semester 1 and is only available to approved candidates
Integrated Design (25 points) (Year long) – please note this subject can only be commenced in Semester 1. First offered in 2011

Subject	Study Period Commencement:	Credit Points:

ENGR90021 Engineering Communication	Semester 1, Semester 2	12.50
ENGR90017 Risk and Safety Management	Semester 2	12.50
CVEN90043 Sustainable Infrastructure Systems	Semester 1	12.50
CVEN90045 Engineering Project Implementation	Semester 2	12.50
MCEN90010 Finance & Human Resources for Engineers	Semester 1	12.50
ENGM90010 Management of Technological Enterprises	Semester 1	12.50
ENEN90028 Monitoring Environmental Impacts	Semester 2	12.50
ENEN90014 Sustainable Buildings	September	12.50

Other subjects can be:

Electives (Up to 4 subjects). Options as follows:

Selected from specifically nominated Project Management Selectives (Preferred elective subjects fulfil educational requirements for AIPM)
Selected from any Master level subject from within the School of Engineering
Select up to 1 elective (12.5 pt) from anywhere in the university provided it is approved by subject co-ordinator, Course Coordinator and subject to School approval

Entry Requirements:

Entry Requirements

The Selection Committee will evaluate the applicant's ability to pursue successfully the course using the following criteria:

A four year degree in an appropriate discipline with at least H3 (65%) average, or equivalent; or
An undergraduate degree in a cognate discipline with at least H3 (65%) average, or equivalent, and at least two years of documented relevant professional or work experience; or
An undergraduate degree in an appropriate discipline and a graduate certificate in an appropriate discipline with at least H3 (65%) average, or equivalent, and at least one year of documented relevant professional or work experience; or
An undergraduate degree in an appropriate discipline and a graduate diploma in an appropriate discipline with at least H3 (65%) average, or equivalent.

The Selection Committee may conduct interviews and tests and may call for referee reports and employer references to elucidate any of the matters referred to above.

Language Requirements

All applicants must meet the English language requirements of the University to be eligible to be offered a place.
Please Check the **University English language requirements (http://www.futurestudents.unimelb.edu.au/int/grad/english-req)**

The Melbourne School of Engineering's English Language alternative may affect the duration and cost of your course.

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 these subjects 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:

The Melbourne School of Engineering has mapped the University of Melbourne graduate attributes with Engineers Australia graduate attributes and Melbourne School of Engineering graduate attributes.

Professional Accreditation:

In addition to the core subjects, the following selective subjects are advantageous if candidates are to meet the academic requirements for accreditation with the Australian Institute of Project Management.

421-502 Engineering Project Implementation

	# 421-500 Sustainable Infrastructure Systems # 400-501 Engineering Communication # 400-604 Multidisciplinary Investigative Project # 436-640 Finance and Human Resources for Engineers # 400-691 Risk and Safety Management
Generic Skills:	# High level of development: written communication; application of theory to practice; critical thinking; accessing data and other information from a range of sources; receptiveness to alternate ideas # Moderate level of development: collaborative learning; team work; system thinking # Some level of development: use of computer software