532BU Master of Engineering Project Management

Year and Campus:	2013 - Parkville
CRICOS Code:	045957G
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.
Coordinator:	Associate Professor Colin Duffield colinfd@unimelb.edu.au
Contact:	Melbourne School of Engineering Ground Floor, Old Engineering (Building 173) Current students: Email: **13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au)** Phone: 13MELB (13 6352) +61 3 9035 5511 Prospective students: Email: **eng-info@unimelb.edu.au (mailto:eng-info@unimelb.edu.au)** Phone: +61 3 8344 6944 Visit: **Master of Engineering Project Management (http://www.eng.unimelb.edu.au/study/graduate/master-proj-management-eng.html)**
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 one year 100 point program. There are two 12.5 point core subjects and a requirement to undertake at least two Project Management selective subjects plus up to four other selectives to satisfy the requirement of the program.
Subject Options:	**Core (25 points)**

Subject	Study Period Commencement:	Credit Points:
ENGM90007 Project Management Practices	Not offered 2013	12.50
ENGM90006 Engineering Contracts and Procurement	Not offered 2013	12.50

Project Management Selectives

An additional six subjects (75 points) are required for the course of which a minimum of two (25 points) must be from the Project Management Selectives detailed below.

(Subjects listed under the Professional Accreditation section of this Handbook entry fulfil the educational requirements for AIPM)

Note: MULT90014 requires the approval of both the Subject and Course coordinators

Subject	Study Period Commencement:	Credit Points:

ENGR90021 Engineering Communication	Not offered 2013	12.50
CVEN90043 Sustainable Infrastructure Engineering	Not offered 2013	12.50
ENGM90010 Management of Technological Enterprises	Semester 1	12.50
ENGR90025 Multidisciplinary Project	Not offered 2013	12.50
MCEN90010 Finance & Human Resources for Engineers	Not offered 2013	12.50
MULT90014 Business Risk Management	Not offered 2013	12.50
CVEN90045 Engineering Project Implementation	Not offered 2013	12.50
ENEN90005 Environmental Management ISO 14000	Not offered 2013	12.50
ENEN90014 Sustainable Buildings	Not offered 2013	12.50

Project Management Electives

The balance of subjects may be chosen from electives as detailed below OR

Any Master level subject from within the School of Engineering OR
Up to one elective (12.5 pts) may be selected from anywhere in the university provided it is approved by the Subject Coordinator, Course Coordinator and subject to School approval

Note: Research subjects and CVEN90052 Integrated Design are only available to approved candidates

Subject	Study Period Commencement:	Credit Points:
CVEN90022 IE Research Project 1	Semester 1	12.50
CVEN90047 IE Research Project 2	Not offered 2013	25
CVEN90052 Integrated Design	Not offered 2013	25
MCEN90023 Quality and Reliability	Not offered 2013	12.50

Entry Requirements:

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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.eng.unimelb.edu.au/study/english-requirements.html)**

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 Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry. It is University 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 University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://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: # CVEN90045 Engineering Project Implementation # CVEN90043 Sustainable Infrastructure Systems # ENGR90021 Engineering Communication # CVEN90025 Multidisciplinary Project # MCEN90010 Finance and Human Resources for Engineers # MULT90014 Business Risk 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