532-PM Master of Engineering Project Management

Year and Campus:	2009
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	
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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:	That a graduate of the program should: # develop professional skills across the full scope of project management, from "conception to completion" and enable a leadership role in the project delivery function; # acquire 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:	-
Subject Options:	The course consists of eight subjects: two core subjects; a further minimum of two subjects from Group A; the remaining four subjects to be chosen from the list of approved electives including but not limited to Group B.

Core subjects

Subject	Study Period Commencement:	Credit Points:
421-664 Project Delivery	Semester 2	12.500
421-663 Engineering Project Management	Semester 1	12.500

A further **minimum of two subjects** from:

Group A:

Subject	Study Period Commencement:	Credit Points:
421-666 Management of Project Resources	Semester 2	12.500
421-654 Principles of Asset Management	Semester 1	12.500
421-667 Project Management Practices	Semester 2	12.500

Remaining four subjects to be chosen from the list of approved electives including but not limited to:

Group B:

Subject	Study Period Commencement:	Credit Points:
421-519 Design of Environmental Systems	Semester 2	12.500
421-516 Hydraulics and Hydrology	Semester 2	12.500

421-626 Design of Energy Systems	Semester 2	12.500
421-629 Energy Efficiency Technology	Semester 2	12.500
421-505 Engineering Hydraulics	Semester 1	12.500
421-680 Engineering for Sustainable Environments	Summer	12.500
421-522 Environmental Engineering Design	Semester 2	12.500
421-604 Environmental Management ISO 14000	Semester 2	12.500
421-525 Field Data Acquisition and Analysis	Semester 1	12.500
421-602 Air Quality Control	Semester 1	12.500
421-539 Geotechnical Applications	Semester 2	12.500
421-697 Heating, Ventilation and Airconditioning	Semester 1	12.500
421-523 Occupational Health and Safety Basics	Semester 1, Semester 2	12.500
421-605 Managing Water Borne Risks	Semester 2	12.500
421-681 Management for the Environment	Semester 2	12.500
421-668 Sustainable Irrigation System Management	Not offered 2009	12.500
421-640 Water Supply and Waste Water Management	Semester 1	12.500
421-580 Hydrological Processes 1	Semester 1	12.500
421-581 Hydrological Processes 2	Semester 1	12.500
421-609 Technology in Society	Not offered 2009	12.500
421-606 Solid Wastes to Sustainable Resources	Semester 1	12.500
421-627 Sustainable Water Resources Management	Semester 2	12.500
421-616 Technology Assessment	Semester 1	12.500

Entry Requirements:

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The academic requirements for admission to the Masters program are:

The equivalent of a University of Melbourne (engineering or science) four-year degree in a relevant discipline with an average grade of at least 65%.
Applicants with the equivalent of a University of Melbourne four-year pass standard degree in a relevant discipline may enter the program after completing a Graduate/Postgraduate Certificate consisting of 50 points (approximately six months of study) with a minimum grade of 65% or a semester of prescribed preliminary studies.
Applicants with the equivalent of a University of Melbourne three-year degree are required to complete a Graduate/Postgraduate Diploma in Engineering consisting of 100 points (approximately twelve months of study) or provide written evidence of appropriate work experience of at least two years or a combination of Graduate/Postgraduate Certificate in Engineering and appropriate work experience.

All matters of selection, credit and progression are at the discretion of the Faculty Postgraduate Course Selection Committee.

Language Requirements

International students and students whose prior qualifications are from a university overseas where English is not the official language of instruction and examination need to supply proof of academic English language competency. Proof acceptable to the University includes:

Original evidence of an English Language test score at a sitting within the last 24 months of either -

	TOEFL - at least 577 and a TWE of at least 4.5 (paper based) or a TOEFL of at least 233 with an Essay Rating of at least 4.5 (computer based) or IELTS - at least 6.5. (A minimum band score of 6 is required in the Academic Writing module). Entry under a slightly lower Engineering alternative* English Language entry requirement is available as follows: TOEFL - at least 550, with a TWE of 4 or the computer based TOEFL of at least 213 with an Essay Rating Score of at least 4 and agreeing in writing to undertake and pass an ESL subject in the first semester of study at The University of Melbourne or IELTS - at least 6 and agreeing in writing to undertake and pass an ESL subject in the first semester of study at The University of Melbourne. * The Faculty of Engineering's English Language alternative may affect the duration and cost of your course.
Core Participation Requirements:	-
Further Study:	-
Graduate Attributes:	-
Generic Skills:	-