MC-CONMG3Y Master of Construction Management

Year and Campus:	2011 - Parkville
CRICOS Code:	061198J
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Graduate/Postgraduate
Duration & Credit Points:	300 credit points taken over 36 months full time. This course is available as full or part time.
Coordinator:	Dr Hemanta Doloi
Contact:	**Environments and Design Student Centre** Ground Floor, Baldwin Spencer (building 113) *Enquiries* Phone: 13 MELB (13 6352) Website: **http://www.msd.unimelb.edu.au (http://www.msd.unimelb.edu.au/)**
Course Overview:	The Master of Construction Management is a professional program for graduates wanting to gain employment in the construction industry. The Master of Construction Management focuses on real-world projects which range across the full construction management cycle, preparing students for the realities of professional life. It allows students to develop and build on expertise in a range of professional roles including quantity surveyor, project estimator, contract administrator, site manager, construction planner, site superintendent, construction foreman, project manager and facility manager. The Construction Management program is designed to build on the Bachelor of Environments in a two-year program or, for those coming from other fields, as a three-year stream (from 2010). Extremely valuable professional experience can be integrated as part of the program providing a unique practical experience enriching the connection to the related fields of work that also contribute to professional accreditation requirements.
Objectives:	The Master of Construction Management aims to: # Engage with specialist topics associated with the construction industry across multiple disciplines; # Extend the knowledge gained in prior learning and experience into a deeper understanding of the professions in construction; # Obtain cutting-edge technical and managerial expertise; # Inform current development in research and industry practice; # Provide an advanced program to enable study in a research higher degree.
Course Structure & Available Subjects:	All students must take: 200 points of core subjects 75 points of construction management electives 25 points multidisciplinary electives
Subject Options:	**First year core subjects (100 points)**

Subject	Study Period Commencement:	Credit Points:
ABPL90292 Construction Principles	Not offered 2011	12.50
ECON90015 Managerial Economics	Semester 1, Semester 2	12.50
ABPL90085 Culture of Building	Semester 1	12.50
ABPL90290 Fundamentals of Built Environment Law	Semester 2	12.50

ABPL90293 Commercial Construction	Semester 2	12.50
ABPL90086 Environmental Systems	Semester 2	12.50
ABPL90313 Management of Construction	Semester 1	12.50
ABPL90312 Cost Management	Semester 2	12.50

Second / third year core subjects (100 points)

Subject	Study Period Commencement:	Credit Points:
ABPL90028 Project Management Framework	Not offered 2011	12.50
ABPL90027 Facility Management (Masters)	Semester 2	12.50
ABPL90135 Analytical Methods	Semester 1	12.50
ABPL90010 Advanced Construction Technology	Semester 1	12.50
ABPL90032 Resource Friendly Building Operations	Not offered 2011	12.50
ABPL90207 Corporate Construction Management	Semester 2	12.50
BLAW40001 Construction Law	Semester 1	12.50
ABPL90208 Construction Measurement and Estimating	Semester 2	12.50

Construction management elective subjects (75 points)

Note: Students intending to seek accreditation in the field of quantity surveying must successfully complete ABPL90129 Advanced Cost Management.

Note: FNCE90055 Financial Decision Making & MGMT90110 Organisation Fundamentals are recommended electives for students in 300 points MCM for accreditation purposes.

Subject	Study Period Commencement:	Credit Points:
ABPL90025 Project Scope, Time and Cost	Not offered 2011	12.50
ABPL90035 Project Risk, Quality & Procurement	Not offered 2011	12.50
ABPL90026 Property Development	Semester 1	12.50
ABPL90268 Facade Design and Performance	Not offered 2011	12.50
ABPL90129 Advanced Cost Management	Semester 2	12.50
ABPL90066 Research Project A	Not offered 2011	12.50
ABPL90067 Research Project B	Not offered 2011	25
ABPL90086 Environmental Systems	Semester 2	12.50
ABPL90030 Project Evaluation and Management	Not offered 2011	12.50
ABPL90295 Construction Regulations and Control	Semester 1	12.50
ABPL90277 International Construction	Semester 2	12.50
FNCE90055 Financial Decision Making	Semester 1, Semester 2	12.50
MGMT90110 Organisational Fundamentals	Semester 1, Semester 2	12.50
ABPL90308 Experiences in Industry	Semester 2	12.50

ABPL90309 Supply Chains in Construction	Semester 1	12.50
ABPL90310 Construction Industry and Environment	Semester 2	12.50
ABPL90311 Building Cultures and Markets	Not offered 2011	12.50

Multidisciplinary electives (25 points)

Students may choose any masters level subjects including -

Melbourne School of Design graduate subjects without prerequisites. To view list click **here (http://www.msd.unimelb.edu.au/msd-electives.html)** .
Melbourne School of Design graduate subjects with prerequisites (provided prerequisites are met).
Any University of Melbourne graduate subject provided pre-requisites are met and written approval from the home faculty plus the Master of Construction Management course coordinator is submitted to the Environments and Design Student Centre.

To view a sample course plan go to: http://www.msd.unimelb.edu.au/construction/construction-degrees.html?CollapsiblePanel2=open#structure

Entry Requirements:

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

· an undergraduate degree in any area with at least H3 (65%) average in the final two years, or equivalent; and

· a personal statement of no more than 1000 words outlining relevant prior study and work experience, and motivation to undertake the course.

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

For information about the two year Master of Construction Management, designed for students with an undergraduate degree in construction management (or equivalent) **click here (../../view/current/MC-CONMG2Y)** .

For information about how to apply click here (http://www.msd.unimelb.edu.au/how-to-apply/coursework/) .

Core Participation Requirements:

The Melbourne School of Design is the graduate school of the Faculty of Architecture, Building and Planning. It offers professional entry programs in Architecture, Construction Management, Landscape Architecture, Property and Urban Planning. It offers specialist development programs in Property Valuation, Planning and Design and in Urban Design.The Melbourne School of Design welcomes applications from students with disabilities. It is the University and Faculty (Architecture, Building and Planning) policy to take reasonable steps to make reasonable adjustments so as to enable students' participation in degrees offered by the Melbourne School of Design (MSD).A candidate for degrees offered in the MSD must have abilities and skills which include the following: observation; communication; motor; conceptual, integrative, and quantitative; andbehavioural and social. Adjustments can be provided to minimise the impact of a disability, however, particularly at Masters level, students need to be able to participate in programs in an independent manner and with regard to their safety and the safety of others.(i) Observation: Candidates must be able to read text, diagrams, maps, drawings and numerical data. Candidates should be able to observe details at a number of scales and to record useful observations of environmental contexts.(ii) Communication: Candidates should be able to communicate with fellow students, professional and academic staff, members of relevant professions and the public. Candidatesmust be able to communicate effectively and sensitively. Communication includes not only speech but also reading and writing.(iii) Motor: Candidates should have sufficient motor function to elicit information from environmental contexts. Off campus investigations may include visits to construction sites,urban, rural and/or remote environments. Candidates should have sufficient motor ability to prepare documentation of analytic texts, drawings and models of findings and for thepreparation of proposals for environmental interventions via digital or other means. Candidates should have the ability to actively participate in appropriate site and/or designstudio-based activities. (iv) Intellectual-Conceptual, Integrative and Quantitative Abilities: These abilities include measurement, calculation, reasoning, analysis, synthesis and, importantly, the ability tointerpret results of such work. Problem resolution, the critical skill demanded of graduates, requires all of these intellectual abilities. In addition, given the disciplines pursued in theMSD, candidates should be able to comprehend three-dimensional relationships and to understand the spatial relationships in environmental structures of a wide range of scales –from smaller than the

	individual through individual buildings and urban spaces to large geographic areas. Further, graduate study entails learning to master one's own abilities andskills and to deploy them strategically. This requires further developing skills in both reflective and reflexive thinking and being able to practice these skills.(v) Behavioural and Social Attributes: A candidate must possess behavioural and social attributes that enable them to participate in a complex learning environment. Students arerequired to take responsibility for their own participation and learning. They also contribute to the learning of other students in collaborative learning environments, demonstratinginterpersonal skills and an understanding of the needs of other students. Assessment may include the outcomes of tasks completed in collaboration with other students.Students who feel a disability will prevent them from meeting the above academic requirements are encouraged to contact the Disability Liaison Unit.
Graduate Attributes:	Graduates in construction management typically work for construction companies both on and off construction sites. Their roles include planning and scheduling, project management, contract administration, or estimating and tendering. Graduates pursuing a career in construction economics work as construction cost consultants and quantity surveyors with financiers, property developers, and project managers.
Generic Skills:	The Master of Construction Management has been specifically designed around the University of Melbourne graduate attributes and the requirements of professional associations. The Master of Construction Management will incorporate research-led teaching, problem-based collaborative learning, professional engagement, and a diverse mature cohort. Graduates of Master of Construction Management will have high-level professional and intellectual capabilities enabling them to demonstrate leadership, a commitment to life-long learning, and professional integrity.
Links to further information:	http://www.msd.unimelb.edu.au/construction/