

Building

Year and Campus:	2015																					
Coordinator:	Toong Khuan Chan																					
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)																					
Overview:	The specialisation in building is conceived for those students who aspire to become construction managers and work with medium to large general contracting companies. It has a strong technical component concerned with construction planning, contract administration and site operations.																					
Learning Outcomes:	<ul style="list-style-type: none"> # Understand the technical and management requirements of the building construction process; # Acquire professional knowledge of complex building components and systems; # Evaluate procurement methods and understand contractual arrangements for the design and construction of facilities; # Analyse and allocate the resources and people needed to ensure the safe delivery of buildings to clients; # Develop process planning and contract administration skills; # Become an effective team player in a multilayered organisation. 																					
Structure & Available Subjects:	<p>All students must take:</p> <ul style="list-style-type: none"> # 112.5 points of core specialisation subjects, including the following capstone subjects: ABPL90025 Project Management in Practice and ABPL90308 Experiences in Industry. # 50 points of specialisation electives # 37.5 points of multidisciplinary electives which may include any of the following: <ol style="list-style-type: none"> 1 Additional specialisation electives. 2 Any Melbourne School of Design subject(s) provided preprerequisites are met. 3 Any University of Melbourne graduate subject(s) provided prerequisites are met and written approval is obtained from both the faculty through which the subject is offered and the course coordinator. Such approval must be provided to the Environments and Design Student Centre before teaching commences. <p>Students should choose specialisation and multidisciplinary electives in consultation with the course coordinator.</p>																					
Subject Options:	<p>Building specialisation subjects</p> <p>Core specialisation subjects</p> <p>Students are required to successfully complete all of the following subjects (112.5 points) in order to obtain the Building specialisation in the Master of Construction Management.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Subject</th> <th style="text-align: left;">Study Period Commencement:</th> <th style="text-align: left;">Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL90010 Advanced Construction Technology</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL90032 Building Services and Operations</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90208 Construction Measurement and Estimating</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL90025 Project Management in Practice</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL90323 Construction Scheduling</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL90334 Means and Methods in Construction</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ABPL90010 Advanced Construction Technology	Semester 2	12.50	ABPL90032 Building Services and Operations	Semester 1	12.50	ABPL90208 Construction Measurement and Estimating	Semester 2	12.50	ABPL90025 Project Management in Practice	Semester 2	12.50	ABPL90323 Construction Scheduling	Semester 2	12.50	ABPL90334 Means and Methods in Construction	Semester 1	12.50
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LAWS70469 Construction Law	Semester 1	12.50
ABPL90308 Experiences in Industry	Semester 1	12.50
ABPL90295 Construction Regulations and Control	Semester 1	12.50

Elective specialisation subjects

Students are required to successfully complete at least 50 points from the following subjects in order to obtain the Building specialisation in the Master of Construction Management.

Subject	Study Period Commencement:	Credit Points:
ABPL90129 Advanced Cost Management	Semester 2	12.50
ABPL90268 Building Envelopes	September	12.50
ABPL90309 Supply Chains in Construction	Semester 1	12.50
ABPL90035 Risk in Construction	Semester 1	12.50
ABPL90207 Corporate Construction Management	Not offered 2015	12.50
ABPL90327 Procurement Methods	Semester 2	12.50
ABPL90331 ICT in Building	Not offered 2015	12.50
ABPL90333 Specialist Contracting	March	12.50
ABPL90335 Contract Management	Not offered 2015	12.50
ABPL90310 Construction Industry and Environment	Not offered 2015	12.50
ABPL90370 Design Management	Not offered 2015	12.50
ABPL90332 Labour in Construction	August	12.50

Multidisciplinary electives

Student complete 37.5 points of multidisciplinary electives which may include any of the following:

- # Additional specialisation electives.
- # Melbourne School of Design graduate subjects provided prerequisites are met.
- # Any University of Melbourne graduate subject provided prerequisites 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.

Click below for a list of Melbourne School of Design Multidisciplinary elective subjects

[Multidisciplinary elective subject list \(../view/current/%21mc-arch2y-spc+1000\)](http://msd.unimelb.edu.au/view/current/%21mc-arch2y-spc+1000)

Links to further information:	http://msd.unimelb.edu.au/master-construction-management
Related Course(s):	Master of Construction Management Master of Construction Management
Related Majors/Minors/ Specialisations:	200 point Master of Construction Management 300 point Master of Construction Management