

Building Systems and Trade Specialties

Year and Campus:	2012																												
Coordinator:	Dr Robert Crawford																												
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 systems and trade specialties is designed for those who want to study and contribute to the construction industry from a supplier, manufacturer, or specialised consultant perspective, particularly by focusing on innovative components and products. Attention is therefore centred on the analysis of the industry and the ways in which industry actors come together, at both market and project level.																												
Objectives:	<ul style="list-style-type: none"> # Investigate and understand the network of technical relations in the industry; # Analyse output and operations of specialist firms in construction; # Understand current and possible contributions of innovative and traditional trades to the building sector; # Evaluate procurement processes and industry output from a range of perspectives. 																												
Structure & Available Subjects:	All students must take: <ul style="list-style-type: none"> # 100 points of core specialisation subjects # 50 points of specialisation electives # 50 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 prerequisites 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. Students should choose specialisation and multidisciplinary electives in consultation with the course coordinator.																												
Subject Options:	Building Systems and Trade Specialties specialisation subjects Core specialisation subjects Students are required to successfully complete all of the following subjects (100 points) in order to obtain the Building Systems and Trade Specialties specialisation in the Master of Construction Management.																												
	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL90309 Supply Chains in Construction</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90010 Advanced Construction Technology</td> <td>Semester 1</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>ABPL90129 Advanced Cost Management</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>ABPL90325 Prefabrication in Building</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL90333 Specialist Contracting</td> <td>Not offered 2012</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ABPL90309 Supply Chains in Construction	Semester 1	12.50	ABPL90010 Advanced Construction Technology	Semester 1	12.50	ABPL90032 Building Services and Operations	Semester 1	12.50	ABPL90208 Construction Measurement and Estimating	Semester 2	12.50	ABPL90129 Advanced Cost Management	Semester 2	12.50	ABPL90323 Construction Scheduling	Semester 2	12.50	ABPL90325 Prefabrication in Building	Semester 2	12.50	ABPL90333 Specialist Contracting	Not offered 2012	12.50	
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Elective specialisation subjects

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

Subject	Study Period Commencement:	Credit Points:
ABPL90035 Risk in Construction	Semester 2	12.50
ABPL90268 Building Envelopes	Semester 2	12.50
ABPL90207 Corporate Construction Management	Semester 2	12.50
ABPL90295 Construction Regulations and Control	Semester 1	12.50
BLAW40001 Construction Law	Semester 1	12.50
ABPL90025 Project Management in Practice	Semester 2	12.50
ABPL90086 Environmental Systems	Semester 2	12.50
ABPL90327 Procurement Methods	Semester 2	12.50
ABPL90326 Technological Innovations	Semester 2	12.50
ABPL90332 Labour in Construction	Not offered 2012	12.50
ABPL90334 Means and Methods in Construction	Semester 1	12.50
ABPL90335 Contract Management	Not offered 2012	12.50

Multidisciplinary electives

Students may take up to 50 points of multidisciplinary electives, including any University of Melbourne graduate subject provided prerequisites are met and written approval is obtained from the course coordinator. For a list of Melbourne School of Design graduate subjects without prerequisites, click [here](http://www.msd.unimelb.edu.au/current-students/msd-students/msd-electives.html) (<http://www.msd.unimelb.edu.au/current-students/msd-students/msd-electives.html>) .

Links to further information:

<http://www.msd.unimelb.edu.au/construction/>

Related Course(s):

Master of Construction Management
 Master of Construction Management