

Research and Development

Year and Campus:	2015																												
Coordinator:	Professor Paolo Tombesi																												
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 research and development caters for students interested in pursuing higher research degrees in construction and developing an academic career, or occupying R&D positions in the industry. It is designed to provide an all-encompassing view of the industry and its challenges, as well as promote analytical, problem-definition and problem-solving skills.																												
Learning Outcomes:	<ul style="list-style-type: none"> # Develop a broad theoretical understanding of the construction sector; # Identify needs in the knowledge base or the product market of the construction sector; # Understand the mechanisms of technological change in construction; # Define appropriate R&D pathways in the private and the public sector. 																												
Structure & Available Subjects:	All students must take: <ul style="list-style-type: none"> # 112.5 points of core specialisation subjects, including the following capstone subjects: ABPL90358 Research in Construction 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 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:	Research and Development specialisation subjects Core specialisation subjects Students are required to successfully complete all of the following subjects (112.5 points) in order to obtain the Research and Development 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>ABPL90310 Construction Industry and Environment</td> <td>Not offered 2015</td> <td>12.50</td> </tr> <tr> <td>ABPL90309 Supply Chains in Construction</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90085 Culture of Building</td> <td>Not offered 2015</td> <td>12.50</td> </tr> <tr> <td>ABPL90326 Technological Innovation</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90329 Construction Policy</td> <td>Not offered 2015</td> <td>12.50</td> </tr> <tr> <td>ABPL90330 Economics of Building</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90358 Research in Construction</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL90359 Research Practicum in Construction</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>		Subject	Study Period Commencement:	Credit Points:	ABPL90310 Construction Industry and Environment	Not offered 2015	12.50	ABPL90309 Supply Chains in Construction	Semester 1	12.50	ABPL90085 Culture of Building	Not offered 2015	12.50	ABPL90326 Technological Innovation	Semester 1	12.50	ABPL90329 Construction Policy	Not offered 2015	12.50	ABPL90330 Economics of Building	Semester 1	12.50	ABPL90358 Research in Construction	Semester 1	12.50	ABPL90359 Research Practicum in Construction	Semester 2	12.50
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ABPL90308 Experiences in Industry	Semester 1	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 Research and Development specialisation in the Master of Construction Management.

Subject	Study Period Commencement:	Credit Points:
ABPL90086 Environmental Systems	Semester 2	12.50
ABPL90010 Advanced Construction Technology	Semester 2	12.50
ABPL90032 Building Services and Operations	Semester 1	12.50
ABPL90135 Analytical Methods	Semester 1	12.50
ABPL90277 Humanitarian Construction	Not offered 2015	12.5
ABPL90030 Project Evaluation	Semester 2	12.50
ABPL90325 Prefabrication in Building	Semester 2	12.50
ABPL90327 Procurement Methods	Semester 2	12.50
ABPL90332 Labour in Construction	August	12.50
ABPL90331 ICT in Building	Not offered 2015	12.50
ABPL90311 Studies in Building Cultures and Markets	Not offered 2015	12.50
ABPL90370 Design Management	Not offered 2015	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/master-construction-management)

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