

## Environments Discipline subjects

<b>Year and Campus:</b>	2012																																																														
<b>Coordinator:</b>	Associate Professor Peter Ashford																																																														
<b>Contact:</b>	<p><b>Eastern Precinct Student Centre</b>  The Eastern Precinct (building 138)  (between Doug McDonnell building and Eastern Resource Centre)</p> <p><i>Enquiries</i>  Phone: 13 MELB (13 6352)  Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (mailto:13MELB@unimelb.edu.au)</p>																																																														
<b>Overview:</b>	Subjects approved as Environments discipline subjects in the Bachelor of Environments.																																																														
<b>Objectives:</b>	Subjects contributing to the core requirement (i.e. not breadth) within the Bachelor of Environments.																																																														
<b>Structure &amp; Available Subjects:</b>	See below.																																																														
<b>Subject Options:</b>	<p><b>Architecture, Building and Planning</b></p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ABPL20004 Principles of Property Valuation</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20027 Architecture Design Studio: Earth</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20028 Architecture Design Studio: Water</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20030 Foundations of Architecture</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20031 Property Market Analysis</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20033 Construction Analysis</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20034 Urban History</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20035 Cities: From Local to Global</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20036 Environmental Building Systems</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20037 Urban Design Studies</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20038 Explorations (Landscape Studio 1)</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20039 History of Designed Landscapes</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20040 Landscape Studio 2: Site Plan &amp; Design</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20041 The Construction Context</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL20042 Residential Construction and Structures</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20045 City Futures</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20047 Site Tectonics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL20048 Visual Communications</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL30006 Property Resource Analysis</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	ABPL20004 Principles of Property Valuation	Semester 2	12.50	ABPL20027 Architecture Design Studio: Earth	Semester 1	12.50	ABPL20028 Architecture Design Studio: Water	Semester 2	12.50	ABPL20030 Foundations of Architecture	Semester 1	12.50	ABPL20031 Property Market Analysis	Semester 1	12.50	ABPL20033 Construction Analysis	Semester 2	12.50	ABPL20034 Urban History	Semester 1	12.50	ABPL20035 Cities: From Local to Global	Semester 1	12.50	ABPL20036 Environmental Building Systems	Semester 2	12.50	ABPL20037 Urban Design Studies	Semester 1	12.50	ABPL20038 Explorations (Landscape Studio 1)	Semester 1	12.50	ABPL20039 History of Designed Landscapes	Semester 2	12.50	ABPL20040 Landscape Studio 2: Site Plan & Design	Semester 2	12.50	ABPL20041 The Construction Context	Semester 1	12.50	ABPL20042 Residential Construction and Structures	Semester 2	12.50	ABPL20045 City Futures	Semester 2	12.50	ABPL20047 Site Tectonics	Semester 2	12.50	ABPL20048 Visual Communications	Semester 1, Semester 2	12.50	ABPL30006 Property Resource Analysis	Semester 1	12.50
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ABPL30012 Property Management	Semester 1	12.50
ABPL30037 Architecture Design Studio: Fire	Semester 1, Semester 2	12.50
ABPL30038 Concrete Structures and Construction	Semester 1	12.50
ABPL30039 Construction Contract Administration	Semester 2	12.50
ABPL30040 Measurement of Building Works	Semester 1	12.50
ABPL30041 Construction Design	Semester 1	12.50
ABPL30042 Landscape Studio 3: Urban Open Space	Semester 1	12.50
ABPL30043 Landscape Studio 4: Designed Ecologies	Semester 2	12.50
ABPL30044 Project Planning Studio	Semester 2	12.50
ABPL30045 Property Analysis Studio	Semester 2	12.50
ABPL30046 Structures and Construction Systems	Semester 2	12.50
ABPL30048 Architecture Design Studio: Air	Semester 1, Semester 2	12.50
ABPL30049 Case Studies in Landscape Architecture	Semester 1	12.50
ABPL30050 Modern Architecture: MoMo to PoMo	Semester 1	12.50
ABPL30051 Morphological Mapping	Semester 2	12.50
ABPL30052 Urban Precinct Studio	Semester 2	12.50
ABPL30053 Formative Histories of Architecture	Semester 2	12.50
ABPL30055 Construction Management	Semester 1	12.50
ABPL30056 Construction Cost Planning and Economics	Semester 2	12.50

### Chemistry

Subject	Study Period Commencement:	Credit Points:
CHEM10004 Chemistry 2	Summer Term, Semester 2	12.50
CHEM20011 Environmental Chemistry	Semester 1	12.50
CHEM20018 Reactions and Synthesis	Semester 1	12.50
CHEM20019 Practical Chemistry 2	Semester 2	12.50
CHEM20020 Structure and Properties	Semester 2	12.50
CHEM30012 Analytical & Environmental Chemistry	Semester 2	12.50

### Ecology

Subject	Study Period Commencement:	Credit Points:
ECOL20003 Ecology	Semester 2	12.50
ECOL30005 Applied Ecology	Semester 2	12.50

### Economics

Subject	Study Period Commencement:	Credit Points:
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ECON30011 Environmental Economics	Semester 2	12.50
<b>Engineering</b>		
Subject	Study Period Commencement:	Credit Points:
COMP20005 Engineering Computation	Semester 1, Semester 2	12.50
ENEN20002 Earth Processes for Engineering	Semester 2	12.50
ENGR20003 Engineering Materials	Semester 2	12.50
ENGR20004 Engineering Mechanics	January, Semester 1, Semester 2	12.50
ENGR30001 Fluid Mechanics & Thermodynamics	Semester 1, Semester 2	12.50
CVEN30008 Risk Analysis	Semester 1	12.50
CVEN30009 Structural Theory and Design	Semester 2	12.50
CVEN30010 Systems Modelling and Design	Semester 2	12.50
<b>Environmental Science</b>		
Subject	Study Period Commencement:	Credit Points:
EVSC20001 Leaves to Landscape	Semester 1	12.50
EVSC20002 Soil and Water Resources	Semester 2	12.50
EVSC30002 Problem Solving in Environmental Science	Semester 2	12.50
EVSC30003 Environmental Risk Assessment	Semester 1	12.50
EVSC30004 Managing Fauna	Not offered 2012	12.50
EVSC30005 Fire in the Australian Landscape	Semester 2	12.50
EVSC30006 Ecology of Urban Landscapes	Semester 1	12.50
EVSC30007 Integrated Landscape Problem Solving	Semester 2	12.50
<b>Environments (Level 1)</b>		
Subject	Study Period Commencement:	Credit Points:
ENVS10003 Constructing Environments	Semester 1, Semester 2	12.50
ENVS10004 Designing Environments	Semester 1, Semester 2	12.50
ENVS10005 Governing Environments	Semester 2	12.50
ENVS10006 Mapping Environments	Semester 1	12.50
ENVS10007 Urban Environments	Semester 1, Semester 2	12.50
ENVS10008 Virtual Environments	Semester 1, Semester 2	12.50
<b>Geology</b>		
Subject	Study Period Commencement:	Credit Points:
GEOL20004 Field Mapping and Sedimentary Geology	June	12.50
<b>Geography and Environmental Studies</b>		

Subject	Study Period Commencement:	Credit Points:
GEOG10001 Famine in the Modern World	Semester 1	12.50
GEOG20001 Society and Environments	Semester 1	12.50
GEOG20002 Understanding Global Landforms	Semester 1	12.50
GEOG20003 Environmental Politics and Management	Semester 2	12.50
GEOG20010 China in Transition	Semester 1	12.50
ENST20001 Human Behaviour and Environment	Semester 1	12.50
ENST20002 Environmental Change Field Class	Semester 2	12.50
DEVT30001 Africa: Environment, Development, People	Semester 2	12.50
GEOG20008 Inside the City of Diversity	Semester 2	12.50
GEOG30001 Coastal Landforms & Processes	Semester 1	12.50
GEOG30004 Fluvial Geomorphology	Semester 2	12.50
GEOG30007 China Field Class	Semester 2	25
GEOG30019 Sustainable Development	Semester 1	12.50
GEOG30020 Mobile Worlds	Not offered 2012	12.50
GEOG30021 The Disaster Resilient City	Semester 2	12.50
GEOG30022 Rivers: Hydrology and Ecology	Semester 1	12.50
GEOG30023 Global Climate Change in Context	February	12.50

### Geomatics

Subject	Study Period Commencement:	Credit Points:
GEOM20013 Applications of GIS	Semester 1	12.50
GEOM20015 Surveying and Mapping	Semester 2	12.50
GEOM30009 Imaging the Environment	Semester 1	12.50
GEOM30012 Integrated Spatial Systems	Semester 2	12.50
GEOM30013 Land Administration Systems	Semester 2	12.50

### Horticulture and Botany

Subject	Study Period Commencement:	Credit Points:
HORT20026 Designing with Plants	Semester 1	12.50
HORT20027 Greening Landscapes	Semester 2	12.50
BOTA30004 Vegetation Management and Conservation	Semester 2	12.50

### Mathematics and Statistics

Subject	Study Period Commencement:	Credit Points:
MAST10005 Calculus 1	Semester 1, Semester 2	12.50

	MAST10006 Calculus 2	Semester 1, Semester 2	12.50
	MAST10007 Linear Algebra	Summer Term, Semester 1, Semester 2	12.50
	MAST10012 Introduction to Mathematics	Semester 1	12.50
	MAST20005 Statistics	Semester 2	12.50
	MAST20006 Probability for Statistics	Semester 1	12.50
	MAST20029 Engineering Mathematics	Summer Term, Semester 1, Semester 2	12.50
	MAST30025 Linear Statistical Models	Semester 1	12.50
<b>Leadership and Professional Development</b>			
	<b>Subject</b>	<b>Study Period Commencement:</b>	<b>Credit Points:</b>
	MULT30014 Leading Change in a Complex World	Semester 1	12.50
<b>Related Course(s):</b>	Bachelor of Environments		