

Environments Discipline subjects

Year and Campus:	2016																																																														
Coordinator:	Associate Professor Clare Newton																																																														
Contact:	<p>Currently enrolled students:</p> <ul style="list-style-type: none"> • General information: https://ask.unimelb.edu.au (http://ask.unimelb.edu.au/) • Contact Stop 1 (http://students.unimelb.edu.au/stop1) <p>Future students:</p> <ul style="list-style-type: none"> • Further information: https://futurestudents.unimelb.edu.au (https://futurestudents.unimelb.edu.au) • http://benvs.unimelb.edu.au/ (http://benvs.unimelb.edu.au/) 																																																														
Overview:	Subjects approved as Environments discipline subjects in the Bachelor of Environments.																																																														
Learning Outcomes:	Subjects contributing to the core requirement (i.e. not breadth) within the Bachelor of Environments.																																																														
Structure & Available Subjects:	See below.																																																														
Subject Options:	<p>Architecture, Building and Planning</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 Principles of Property</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 1, 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 & 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>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>ABPL30006 Property Resource Analysis</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ABPL30012 Property Management</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ABPL30037 Architecture Design Studio: Fire</td> <td>Semester 1, Semester 2</td> <td>25</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 Principles of Property	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 1, 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	ABPL20045 City Futures	Semester 2	12.50	ABPL20047 Site Tectonics	Semester 2	12.50	ABPL30006 Property Resource Analysis	Semester 1	12.50	ABPL30012 Property Management	Semester 2	12.50	ABPL30037 Architecture Design Studio: Fire	Semester 1, Semester 2	25
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 Principles of Property	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 1, 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																																																													
ABPL20045 City Futures	Semester 2	12.50																																																													
ABPL20047 Site Tectonics	Semester 2	12.50																																																													
ABPL30006 Property Resource Analysis	Semester 1	12.50																																																													
ABPL30012 Property Management	Semester 2	12.50																																																													
ABPL30037 Architecture Design Studio: Fire	Semester 1, Semester 2	25																																																													

ABPL30039 Construction Contract Administration	Semester 2	12.50
ABPL10003 Visualising Environments	Semester 1, 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 1	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 1	12.50
ABPL30052 Urban Precinct Studio	Semester 2	12.50
ABPL30055 Construction Management	Semester 1	12.50
ABPL30053 Formative Ideas in Architecture	Semester 2	12.50
ABPL30056 Construction Cost Planning and Economics	Semester 2	12.50
ABPL30057 Asia Pacific Modernities	Not offered 2016	12.50
ABPL20049 Introduction to Urban Design & Planning	Semester 2	12.50
ABPL20051 Construction Industry Studies - Property	Semester 1	12.50
ABPL20052 Investment and Finance for Property	Semester 2	12.50
ABPL30059 Property Case Studies	Semester 1	12.50
ABPL20053 Concrete Structures and Construction	Semester 2	12.50
ABPL20048 Visual Communications	Semester 1	12.50
ABPL20042 Residential Construction and Structures	Semester 1	12.50
ABPL30058 Architecture Design Studio: Sparks	Semester 1, Semester 2	12.50
ABPL30060 Urban Precinct Studio	Semester 2	25
ABPL30061 Landscape Studio 4: Designed Ecologies	Semester 2	25
ABPL10004 Global Foundations of Architecture	Semester 1	12.5
ABPL10005 The World of Building	Semester 1	12.5
ABPL10006 History of Landscape Design	Semester 2	12.5
ENVS20001 Digital Design and Fabrication	Semester 1, Semester 2	12.5
ABPL30062 Architecture in the Islamic World	Not offered 2016	12.5
ABPL20050 Design Workshop	Semester 1	12.5

ABPL30063 AA Visiting School Undergraduate	February	12.5
--	----------	------

Chemistry

Subject	Study Period Commencement:	Credit Points:
CHEM10004 Chemistry 2	Summer Term, Semester 2	12.50
CHEM20011 Environmental Chemistry	Semester 1	12.50
CHEM20018 Chemistry: Reactions and Synthesis	Semester 1	12.50
CHEM20019 Practical Chemistry 2	Semester 2	12.50
CHEM20020 Chemistry: 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
ECOL30007 Marine Ecosystems: Ecology & Management	Semester 1	12.50

Economics

Subject	Study Period Commencement:	Credit Points:
ECON30011 Environmental Economics	Semester 2	12.50

Engineering

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	Summer Term, Semester 1, Semester 2	12.50
CVEN30008 Engineering Risk Analysis	Semester 1	12.50
CVEN30009 Structural Theory and Design	Semester 2	12.50
CVEN30010 Systems Modelling and Design	Semester 2	12.50
ENGR30002 Fluid Mechanics	Semester 1, Semester 2	12.50

Environmental Science

Subject	Study Period Commencement:	Credit Points:
EVSC20001 Leaves to Landscape	Semester 1	12.50
EVSC20002 Soil and Water Resources	Semester 2	12.50
EVSC20004 Blue Planet-Intro to Marine Environments	Semester 1	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 2016	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

Environments

Subject	Study Period Commencement:	Credit Points:
ENVS10002 Reshaping Environments	Semester 1, Semester 2	12.5
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
ENVS20001 Digital Design and Fabrication	Semester 1, Semester 2	12.50
ENVS10009 Structural Environments	Semester 2	12.50
ENVS10010 Owned Environments	Semester 1	12.50
ENVS10011 Productive Environments	Semester 2	12.50

Geology

Subject	Study Period Commencement:	Credit Points:
ERTH20001 Dangerous Earth	Semester 2	12.50
ERTH20002 Environmental Geosciences	Semester 2	12.50
ERTH30001 Hydrogeology/Environmental Geochemistry	Semester 1	12.50

Geography and Environmental Studies

Subject	Study Period Commencement:	Credit Points:
GEOG10001 Famine: The Geography of Scarcity	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 1	12.50
GEOG20010 China in Transition	Semester 1	12.50
ENST20001 Human Behaviour and Environment	Semester 1	12.50
GEOG20008 Inside the City of Diversity	Semester 2	12.50
GEOG30001 Coastal Landforms & Processes	Semester 1	12.50
GEOG30007 China Field Class	Semester 2	25
GEOG30019 Sustainable Development	Semester 1	12.50

GEOG30020 Mobile Worlds	Not offered 2016	12.50
GEOG30021 The Disaster Resilient City	Semester 2	12.50
GEOG30022 River Ecology & Ecosystem Management	Semester 1	12.50
GEOG30023 Global Climate Change in Context	February	12.50
GEOG30025 Biogeography and Ecology of Fire	Semester 1	12.50
GEOG20009 Landscapes and Diversity	Semester 2	12.50
GEOG30024 Africa: Environment, Development, People	Semester 2	12.50
ENST20002 Environmental Change Field Class	June	12.5
GEOG30004 Fluvial Geomorphology	Not offered 2016	12.5

Geomatics

Subject	Study Period Commencement:	Credit Points:
GEOG20013 Applications of GIS	Semester 1	12.50
GEOG20015 Surveying and Mapping	Semester 2	12.50
GEOG30009 Imaging the Environment	Semester 1	12.50
GEOG30012 Integrated Spatial Systems	Semester 2	12.50
GEOG30013 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	Summer Term, 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

Leadership and Professional Development

	Subject	Study Period Commencement:	Credit Points:
	MULT30014 Leading Change in a Complex World	Semester 1	12.50
Links to further information:	http://edsc.unimelb.edu.au/sample-course-plans-bachelor-environments		
Related Course(s):	Bachelor of Environments		