

Construction

| Year and Campus: | 2010 | | | | | | | | | | | |
|--|--|----------------|--|---------|----------------------------|----------------|--------------------------------|------------------------|-------|----------------------------------|------------------------|-------|
| Coordinator: | Peter Ashford | | | | | | | | | | | |
| Contact: | Environments and Design Student Centre T: +61 3 8344 6417/9862 F: +61 3 8344 5532 Email: envs-courseadvice@unimelb.edu.au | | | | | | | | | | | |
| Overview: | <p>Construction explores the management of people, processes and materials on specific building projects as well as more broadly, across the building industry. Just as the building industry embraces both building and commerce, so will your studies in construction, with subjects undertaken in everything from construction, structures, commerce, management and law. The breadth of the construction profession is further revealed by site visits, guest speakers and teachers who work in the industry who will ensure that your studies are grounded in the real world.</p> <p>Careers and Further Study: Bachelor of Environments graduates with a construction major might work in construction management or quantity surveying in Australia or internationally. The construction major provides a strong grounding that prepares you for further studies in the Master of Construction Management. For more information on the Master of Construction Management, please visit the Melbourne School of Design web site: http://www.abp.unimelb.edu.au/graduate-school/ (http://www.abp.unimelb.edu.au/graduate-school/)</p> | | | | | | | | | | | |
| Objectives: | By the end of a three year Bachelor of Environments degree with a construction major, you will have developed a breadth of knowledge and competence in areas from construction to management. For more information visit: www.benvs.unimelb.edu.au (http://www.benvs.unimelb.edu.au) | | | | | | | | | | | |
| Structure & Available Subjects: | Please see details below. | | | | | | | | | | | |
| Majors/Minors/Specialisations | <p>Course Planning for a Construction Major</p> <p>A major in Construction in the Bachelor of Environments consists of:</p> <ul style="list-style-type: none"> # 112.5 points (9 subjects) of Construction subjects; # 25 points (2 subjects) of core first year subjects (Natural Environments and Reshaping Environments); # 12.5 points (1 subject) of first year subjects that are core to the major (Constructing Environments). <p>This is in addition to electives and breadth to make up the 300 points required for the degree. Specific details of the Bachelor of Environments course structure can be found at: https://app.portal.unimelb.edu.au/view/2010/A04-AA (/view/2010/A04-AA)</p> <p>Please note, knowledge of Mathematical Methods or Specialist Mathematics will be assumed. Students without this background may need to take a bridging subject in maths as first year breadth. This bridging subject is 620-173 (MAST10072) Introduction to Maths and is equivalent to Units 3 and 4 Mathematical Methods; entry into the subject requires a mathematical background equivalent to Units 1 and 2 Mathematical Methods. Maths background is necessary for students majoring in Construction. This level of maths knowledge is required for students to enrol in 316-102 (ECON10004) Introductory Microeconomics.</p> <p>In order to complete a major in Construction, you will need to undertake the following subjects:</p> | | | | | | | | | | | |
| Subject Options: | <p>1st year level subjects</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ENVS10001 Natural Environments</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>ENVS10002 Reshaping Environments</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> | | | Subject | Study Period Commencement: | Credit Points: | ENVS10001 Natural Environments | Semester 1, Semester 2 | 12.50 | ENVS10002 Reshaping Environments | Semester 1, Semester 2 | 12.50 |
| Subject | Study Period Commencement: | Credit Points: | | | | | | | | | | |
| ENVS10001 Natural Environments | Semester 1, Semester 2 | 12.50 | | | | | | | | | | |
| ENVS10002 Reshaping Environments | Semester 1, Semester 2 | 12.50 | | | | | | | | | | |

| | | |
|-------------------------------------|------------------------|-------|
| ENVS10003 Constructing Environments | Semester 1, Semester 2 | 12.50 |
|-------------------------------------|------------------------|-------|

2nd year level subjects

| Subject | Study Period Commencement: | Credit Points: |
|---|----------------------------|----------------|
| ABPL20036 Environmental Building Systems | Semester 2 | 12.50 |
| ABPL20041 The Construction Context | Semester 1 | 12.50 |
| ABPL20042 Residential Construction and Structures | Semester 2 | 12.50 |

3rd year level subjects

| Subject | Study Period Commencement: | Credit Points: |
|--|----------------------------|----------------|
| ABPL30038 Concrete Structures and Construction | Semester 1 | 12.50 |
| ABPL30055 Construction Management | Semester 1 | 12.50 |
| ABPL30040 Design Cost Management | Semester 1 | 12.50 |
| ABPL30039 Construction Legal Environment | Semester 2 | 12.50 |
| ABPL30044 Project Planning Studio | Semester 2 | 12.50 |
| ABPL30046 Structures and Construction Systems | Semester 2 | 12.50 |

Bachelor of Environments electives

All Bachelor of Environments students must complete **37.5 points** of Bachelor of Environments Electives. For a complete listing of available subjects please see:

<http://www.benvs.unimelb.edu.au/breadth/elective-subjects.html> (<http://www.benvs.unimelb.edu.au/breadth/elective-subjects.html>)

Breadth subjects

Bachelor of Environments students must complete **75 credit points** of subjects selected from those available as breadth for Bachelor of Environments students; including at least one subject at 300-level (3rd year level). For a complete listing of available subjects please see: <http://handbook.unimelb.edu.au/breadth/info/index.html> (<http://handbook.unimelb.edu.au/breadth/info/index.html>)

Students must have successfully completed Maths Methods 1 and 2 in order to be eligible to enrol in 620-173 (MAST10072) Introduction to Maths so that they may enroll in 316-102 (ECON10004) Introductory Microeconomics.

In order to meet the requirements for accreditation, students intending to major in Construction are strongly recommended to undertake the below subjects as breadth.

| Subject | Study Period Commencement: | Credit Points: |
|---|-------------------------------------|----------------|
| ACCT10001 Accounting Reports and Analysis | Summer Term, Semester 1, Semester 2 | 12.50 |
| ECON10004 Introductory Microeconomics | Semester 1, Semester 2 | 12.50 |
| BLAW10001 Principles of Business Law | Semester 1, Semester 2 | 12.50 |
| MGMT20001 Organisational Behaviour | Semester 1, Semester 2 | 12.50 |

For more information on this major and to view a sample course plan please visit <http://www.benvs.unimelb.edu.au/current-students/course-info/construction.html> (<http://www.benvs.unimelb.edu.au/current-students/course-info/construction.html>)