Overview

The sustainability challenge of the 21st century has moved from sustainability education (i.e. awareness and information) to education for sustainability, i.e. how to make it happen. The Master of Sustainable Built Environment is structured around this approach.

Education for sustainability is about empowering professionals to take on the challenge, it is transformative rather than merely transmissive, it is holistic and driven by critical thinking, and ultimately is about becoming a champion for change. The task begins with ways of thinking as well as considering the differing value systems and cultures which influence the ways communities shape their built environments.

The Master of Sustainable Built Environment provides the opportunity to explore these challenges in depth and adapt them to the needs of diverse professional and cultural settings. This program takes a global view and places it in a local context. It is both academically interdisciplinary and linked to practical application in industry.

This program responds to the increasing demand for built environment and related professionals with the capacity to meet the growing challenges of sustainable development in Australia and the Asia-Pacific region and the expansion of specialised career opportunities in both the public and private sector. It provides evidence-based tools for thinking, analysis, synthesis and decision making to support the planning, design, construction and management of a sustainable built environment, from room to region.
Faculty
Faculty of Built Environment

Campus
Kensington

Study Level
Postgraduate

Typical duration
1.7 Years

Delivery Mode
Face-to-face

Intake Period
Term 1, Term 3

Academic Calendar
3+ Calendar

Minimum Units of Credit
72

Award type
Masters (Coursework)

Award(s)
Master of Sustainable Built Environment - MSBEnv

CRICOS Code
028054M
Learning Outcomes

1. Apply disciplinary and interdisciplinary principles and practices of sustainability to new or complex situations relating to the planning, design and/or management of the built environment.
2. Plan and execute a substantial research-based in sustainable development.
3. Apply enquiry-based learning and ways of thinking to new disciplinary and/or professional contexts in the built environment.
4. Investigate, generate, synthesise and evaluate complex ideas and concepts at an abstract and/or applied level.
5. Demonstrate an understanding of, and the ability to apply, the principles of teamwork and collaboration to professional standards.
6. Practically address built environment sustainability problems in an international context in order to offer solutions.
7. Demonstrate a high level of personal autonomy and accountability in the acquisition or application of knowledge or skills.
8. Demonstrate an advanced and integrated understanding of the concepts and principles of sustainability and their application in the built environment.
9. Critically evaluate and apply contemporary sustainability theory and practice to problems in the built environment.
10. Analyse problems or issues relating to built environment sustainability, articulate and justify appropriate solutions at a variety of scales.
11. Communicate ideas around sustainability in the built environment in a variety of formats to diverse audiences.

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 72 UOC as a standalone program.

Capstone Courses

Students must take at least 12 UOC up to a maximum of 24 UOC of the following courses.

Students may take both capstone courses with approval of the Program Director.

Please Note: Students who take SUSD0015 Graduate Research Project (12 UOC) are required to take BENV7020 Research Preparation for Higher Degree Research Students (6 UOC).

SUSD0007 | 12 UOC
Integrated Design Studio

SUSD0015 | 12 UOC
Graduate Research Project

Core Courses

Students must take at least 24 UOC of the following courses.

SUSD0001 | 6 UOC
Sustainable Development and the Urban Environment

SUSD0002 | 6 UOC
Building Ecology and Life Cycle Thinking

SUSD0003 | 6 UOC
Energy and the Built Environment

SUSD0004 | 6 UOC
Sustainability and Habitability

List B: Cross Faculty Electives
Students may take up to 24 UOC of the following courses.

Note: Students who take SUSD0015 Graduate Research Project (12 UOC) are required to take BENV7020 Research Preparation for Higher Degree Research Students (6 UOC). Students may choose postgraduate courses from other Faculties with approval of Program Director and provided that necessary pre-requisites are met.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ACCT5961</td>
<td>6 UOC</td>
<td>Reporting for Climate Change and Sustainability</td>
</tr>
<tr>
<td>CONS0013</td>
<td>6 UOC</td>
<td>Construction Management Theory and Practice</td>
</tr>
<tr>
<td>CVEN9872</td>
<td>6 UOC</td>
<td>Solid Waste Management</td>
</tr>
<tr>
<td>CVEN9888</td>
<td>6 UOC</td>
<td>Environmental Management</td>
</tr>
<tr>
<td>CVEN9892</td>
<td>6 UOC</td>
<td>Sustainability Assessment and Risk Analysis</td>
</tr>
<tr>
<td>GEOS9011</td>
<td>6 UOC</td>
<td>Environmental Impact Assessment</td>
</tr>
<tr>
<td>IEST5001</td>
<td>6 UOC</td>
<td>Frameworks for Environmental Management</td>
</tr>
<tr>
<td>IEST5002</td>
<td>6 UOC</td>
<td>Tools for Environmental Management</td>
</tr>
<tr>
<td>REST0006</td>
<td>6 UOC</td>
<td>Property Development and Feasibility Analysis</td>
</tr>
<tr>
<td>UDES0009</td>
<td>6 UOC</td>
<td>Urban Landscape and Heritage</td>
</tr>
</tbody>
</table>
List A: Sustainable Built Environment Electives

Students must take at least 12 UOC of the following courses.

**COMM5202 | 6 UOC**
Social and Environmental Sustainability

**PLAN7140 | 6 UOC**
Land & Environment Law

**SUSD0009 | 6 UOC**
Environmental Auditing

**SUSD0010 | 6 UOC**
Managing the Sustainable Built Environment

**SUSD0016 | 6 UOC**
Sustainable Infrastructure

**UDES0006 | 6 UOC**
Case Studies in Urban Development and Design

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Admission Requirements

Entry Requirements

A minimum four year Bachelor degree or equivalent from a recognised tertiary institution in a relevant field such as the Built Environment disciplines or related areas such as environmental science or engineering is required for admission to the Masters Program. All applicants must have achieved a minimum of a credit average (equivalent to a WAM of 65 or above) in their Bachelor degree.

Where an applicant does not hold a four year Bachelor degree in one of the identified cognate disciplines, admission may be permitted in the Graduate Certificate or Graduate Diploma with the possibility of progressing to the Masters Program subject to an average of Credit or better performance (a minimum WAM of 65) across the completed courses. Local and International students are eligible to apply. The program is particularly suited to professionals wanting to up skill after being in the field for several years.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

The Graduate Certificate, Graduate Diploma and Masters programs are fully articulated programs which allow for flexibility in course selection and progression. A postgraduate coursework student enrolled in an articulated program may apply to progress from the Graduate Certificate through to Masters level with full credit for courses completed with a minimum 65 WAM in earlier programs in the sequence.

For more information on university policy on progression requirements please visit Academic Progression.
Pathways

Articulation Arrangements

Other program(s) within articulated suite:

Graduate Diploma in Sustainable Built Environment - **GradDipSBEnv**

**5132 Sustainable Built Environment**

Faculty: Faculty of Built Environment  
Campus: Kensington  
Units of Credit: 48  
Typical Duration: 1 Years

Read More

Graduate Certificate in Sustainable Built Environment - **GradCertSBEnv**

**7332 Sustainable Built Environment**

Faculty: Faculty of Built Environment  
Campus: Kensington  
Units of Credit: 24  
Typical Duration: 0.7 Years

Read More
Recognition of Achievement

Award with Excellence

The Award with Excellence is awarded in coursework masters programs, including Masters (Extension) but with the exception of Masters (Extended) such as JD and MD, when a Weighted Average Mean (WAM) of at least 80% has been achieved and at least 50% of the requirements of the award are completed at UNSW. All eligible programs will award 'with Excellence' except in special circumstances where approval of Academic Board has been given for a program to opt out.

For more information, please visit:

Current Students Award with Excellence
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

- Domestic Students
- Commonwealth Supported Students
- International Students
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179