

Master of Science (MSc) in Sustainable Design of the Built Environment



WHY STUDY MSC IN SUSTAINABLE DESIGN OF THE BUILT ENVIRONMENT

The Master of Science in Sustainable Design of the Built Environment at The British University in Dubai covers methods to reduce energy consumption, minimise pollution, and enhance indoor comfort. By integrating architectural and engineering solutions, the programme equips students with the knowledge, skills, and practical tools needed to design innovative, sustainable buildings and tackle the critical challenges facing the built environment. Students will study the urgent challenges of climate change and its impact on both the planet and human health, with a particular focus on the role of the built environment in carbon emissions and resource use. They will also explore how indoor environments affect health, well-being, and productivity, and learn to apply sustainable design strategies that combine passive and active solutions with advanced design and modelling tools.

Career Prospects

The demand for sustainability in the built environment is growing across both public and private sectors. This programme prepares graduates for a dynamic field with numerous career opportunities. Students gain comprehensive skills and knowledge applicable to architecture, building services, urban design, and interior design. Additionally, the programme benefits professionals in private consultancy, construction firms, and government or regulatory agencies, aligning with the industry's increasing emphasis on sustainable development

Professional Accreditation

Programme Structure

Module Code	Module Title	Credits
List of core modules		
SDBE501	Climate and Comfort	20
SDBE502	Renewable and Sustainable Recourses	20
SDBE503	Investigations in the Built Environment	20
SDBE504	Sustainable Built Environment	20
List of elective modules (students select two modules)		
SDBE505	Skins and Spaces	20
SDBE508	Sustainable Urban Design	20
SDBE520	Sustainable Indoor Environmental Quality	20
SDBE532	Advanced Engineering Materials	20
SDBE533	Selected Topics	20
RES507	Dissertation	60
Total		180

Entry Requirements

- A relevant Bachelor's degree with a GPA of 3.0 (on a 4.0 scale) or equivalent from an accredited university.
- English proficiency: TOEFL 550 (213 CBT, 79 iBT), IELTS 6.0, or equivalent MOHESR-approved test.
- English requirement may be waived if already met during Bachelor's admission.
- Certificate of equivalency from MOHESR for degrees earned outside the UAE.

All our programmes are accredited by the UAE Ministry of Higher Education and Scientific Research

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