

MASTER OF SCIENCE IN SUSTAINABLE DESIGN OF THE BUILT ENVIRONMENT

WHY STUDY MASTER OF SCIENCE IN SUSTAINABLE DESIGN OF THE BUILT ENVIRONMENT

The main aim of the programme is to provide architects, engineers, urban planners and interior designers with the knowledge, skills and tools to enable them to undertake innovative approaches to sustainable design, integrating architectural and engineering solutions. Students will learn how to achieve sustainable design by using a combination of passive and active strategies, utilising the latest knowledge, design, and modelling strategies and creating comfortable and healthy indoor and outdoor living environments while saving energy.

CAREER PROSPECTS

Graduates will acquire various levels of knowledge and skills required in the built environment field. This programme is designed for professionals who aspire to enhance their understanding of sustainable design practices. Graduates will be able to contribute to the development of environmentally friendly and energy-efficient projects. The emphasis on interdisciplinary cooperation in the programme allows students to engage with specialists from diverse sectors, fostering a holistic approach to sustainable design.

PROFESSIONAL ACCREDITATION

ENTRY REQUIREMENTS

A relevant Bachelor's degree equivalent to an Upper Second Class or with a Good GPA (3.0 or above on a 4.0 scale or its equivalent) from an accredited university.

English Language proficiency is required equivalent to UAE Ministry of Education EmSAT score of 1400 or TOEFL score of 79 iBT or IELTS 6.0.

PROGRAMME STRUCTURE

Modules	Module Title	Credits hours
Core	Climate and Comfort	3
	Renewable and Sustainable resources	3
	Investigations in the Built Environment	3
	Sustainable Built Environments	3
Electives (must include at least 1 SDBE module from Table of electives)	See Below Electives	3
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	See Below Electives	3
	Dissertation	6
Total credit hours		30

Electives

Passive Design	Energy Management 1	3
Skins and Spaces	Building Acoustics and Illumination	3
Efficient Building Services	Advanced Engineering Materials	3
Sustainable Urban Design	Sustainable Indoor Air Quality	3
Sustainable Urban Transport	Sustainable Materials for Interior Design	3
Building Information Modelling		3

ALL OUR PROGRAMMES ARE ACCREDITED BY UAE MINISTRY OF EDUCATION

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