



AP763 - Master of Science in Green Architecture (Mixed Mode Programme)

Overview

The public nowadays strives for an eco-friendly lifestyle. Buildings and structures are expected to minimize its harmful effects on their lives and surroundings. To live and work in premises or buildings that are certified as "Platinum" (the highest rating level of Green Building Index) is certainly every tenant's and user's dream.

In Built Environment, a building or a structure should adopt green features from its inception to its occupation and operation cycles. The concept of spaces and building orientation is thoroughly considered through the natural ventilation, lighting and other climatic issues. Materials and types of finishes used must comply with the green elements for their sustainability consideration. An eco-friendly implementation and materialization of such design must take into account all aspects of green attributes. The green procurement initiatives must be selected according to MyHijau and National Green Technology 2009 as regulated by the government policies. A living environment and space with a low carbon emission as proposed by the Carbon Foot Printing Schemes needs to be the focal point in the nation's physical development. Therefore all parties and project stakeholders including the higher education providers must consider the spirit of these national and global agendas in their planning. Naturally, educational medium has been identified as the most significant tool to achieve these universal goals. Hence, higher education providers are encouraged to introduce and run relevant post-graduate programs to enhance the professionals' and graduates' knowledge in green technology and environment.

The MSc Green Architecture program is designed to provide avenues for spirited dialog on the contemporary issues around green buildings and structures from all angles. With emphasis on both the theoretical knowledge and its practical aspects, the course aims to provide perspectives on crucial subjects such as tropical climate, conscious design, environment design, building materials and sciences, green economics, site planning and green landscape. The mixed mode approach is intended to deliver a fundamental background to a student from various disciplines through course works and seminars. The thesis is required to be prepared in the later stage to fortify the student's expected learning outcomes.

The graduates are envisioned to deliver their uncanny ability to register as a competent Green Building Index (GBI) Facilitator while participating substantially towards the culmination of the national agendas with other professional designers, constructors, and facility managers. It is hoped that this program's outcomes will also spawn a harmonious balance between the green aspirations and the public's lifestyle demands.

Aims

This program aims to nurture responsible, referred and respected **Green Environmental experts** to fulfill the global market needs and the country aspiration in contributing to social and global green development.

Duration of Study

Minimum duration is one and a half years (minimum 3 semesters) for a full time study and two years (minimum 4 semesters) for a part time study. This is a mixed-mode programme that offers 40 credits hours which constitutes 30% for coursework and 70% dissertation.

Courses	Mode	FULL TIME			PART TIME (min)				
		Sem	1	2	3	1	2	3	4
1 Research Methodology	Core	✓				✓			
2 Sustainable Design Principle	Core	✓				✓			
3 Building Performance & Simulation	Core	✓					✓		
4 THESIS 1	Core		✓					✓	
5 THESIS 2	Core			✓					✓
1 Environmental Management	Elective								
2 Building Materials & Env Experimentation	Elective	*				*			
3 Economic in Green Architecture	Elective								
4 Site & Contextual Analysis	Elective								
NOTES:	✓	Core and Compulsory courses							
	*	Electives Courses and Choose ONE only							

Entry Requirement

- A bachelor degree in the field of Built Environment from recognized universities or other equivalents from related Science and Technology disciplines with a minimum CGPA of 2.75 **-or-**
- A bachelor degree in the field of Built Environment from recognized universities or other equivalent qualifications from related Science and Technology disciplines with a minimum CGPA of 2.50 and two (02) years relevant working experiences in related field can be considered base on internal recommendation. **-or-**
- A bachelor degree in the field of Built Environment from recognized universities or other equivalent qualifications from related Science and Technology disciplines with a CGPA below 2.50 and five (05) years relevant working experiences in related field can be considered base on internal recommendation. **-or-**
- Other qualifications which are equivalent to bachelor degree (in related fields) and experience in related fields which are approved by the UiTM Senate and acknowledged by the Malaysia government **-and-**
- A minimum score of 550 TOEFL and Band 6.0 for IELTS or equivalent for international applicants (subject to the university rules and regulations) **-and-**
- Candidates from fields (experts for those from built environment) have to pass the interview.

Fees

Full-time	:	RM 7,438.00	(3 semesters)
Part Time	:	RM 7,923.00	(4 semesters)
International	:	RM 18,700.00	(3 semesters)



Inquiries
For more information, please contact:

Coordinator
Centre of Graduates Studies
Universiti Teknologi MARA
Cawangan Perak
Kampus Seri Iskandar,
32610 Bandar Seri Iskandar,
Perak Darul Ridzuan, MALAYSIA
Tel: (+605) 374 3577

