

POSTGRADUATE PROGRAMMES

Master of Architecture

Introduction

The Master of Architecture Program is a professional degree equivalent to the professional qualification of the Board of Architects Malaysia Part II. It is a continuation of the Board of Architects Malaysia Part I, which is addressed in the Bachelor of Science in Architecture program in UTM. The program is a taught course Master Program and as such there is a structured curriculum with an emphasis on more research-based architectural design studio projects. This focus enables a more intellectual and theoretical basis in the architectural projects addressed within the program at the same time contribute to the development of architecture within the National framework; that emphasises on the sustainable development. The focus on research-based is an addition to the technical, scientific and technological considerations that are already embedded in the courses. The Master of Architecture program is recognised by the Board of Architects Malaysia (LAM), Malaysian Institute of Architects (PAM) and the Public Services Department (JPA). The architecture program in UTM is the first in the country acknowledged by PAM and LAM. The preceding 3 years Bachelor of Science in Architecture is accredited for LAM Part I, and this 2 years Master of Architecture is accredited for Part II.

UTM degree holders in Master of Architecture with 2 years relevant working experience are eligible to sit for the LAM Part III examination in order to be registered as a professional architect.

Name of Award

Master of Architecture [M. Arch.]

Entry Requirement

Candidate must fulfil the general conditions of university and specific program me requirement according to one of the following:

Local and International candidates:

1. Bachelor of Science in Architecture Degree in Architecture (LAM Part 1) or equivalent with a CPA of 3.0 and above; completed at least 6 months of practice in an architectural firm after graduating with a LAM Part 1 or
2. Bachelor of Science in Architecture Degree in Architecture (LAM Part 1) or equivalent with a C PA 2.7 to 2.99 ; completed at least 12 months of practice in an architectural firm after graduating with a LAM Part 1 or
3. Bachelor of Science in Architecture Degree in Architecture (LAM Part 1) or equivalent with a CPA 2. 5 to 2. 6 9 ; completed at least 24 months of practice in an architectural firm after graduating with a LAM Part 1 or
4. Bachelor of Science in Architecture Degree in Architecture (LAM Part 1) or equivalent with a CPA 2. 3 to 2. 4 9 ; completed at least 3 6 months of practice in an architectural firm after graduating with a LAM Part 1

Requirement of practice in an architectural firm after graduating with a LAM Part 1

CPA (Bachelor of Science in Architecture/Degree in Architecture)	MINIMUM DURATION
3.00 - 4.00	6 months
2.70 - 2.99	12 months
2.50 - 2.69	24 months
2.30 - 2.49	36 months

- The **first screening process** will be made after the candidate submit the online application form and related documents to UTM.
- Only the selected candidates will undergo a **program interview** as part of the selection process.
- **International candidates** must obtain LAM Part 1 certificate before they apply for the Master of Architecture UTM(for more information, please visit <https://www.lam.gov.my>).
- **International candidates** must full fill the UTM English requirements.

Programme Educational Objectives

- PEO1 Knowledgeable and competent in line with the professional qualification of Board of Architect Malaysia Part II.
- PEO2 Scholarly in research and solve problems critically, analytically and creatively based on scientific facts and sound ideas.
- PEO3 Professional, ethical, responsible and responsive to the values of humanity and sustainability.
- PEO4 Proficient in communication and contribute to working teams as well as competitive in various local and global market.

Programme Learning Outcomes

PLO 1	Integrate scholarly knowledge in architecture and the built environment relevant to established vision.
PLO 2	Identify, analyse and integrate architectural knowledge from various sources in producing potential solutions.
PLO 3	Produce feasible solutions with consideration of appropriate design approach, process using effective architectural presentation.
PLO 4	Capable of working in a team and negotiate responsibly, adapting in various working environments and time conditions.
PLO 5	Convey ideas and explain architectural solutions clearly and appropriately in verbal and written form to a given audience.
PLO 6	Adopt and operate a broad range of digital tools for knowledge sourcing, information processing and formulating potential solutions.
PLO 7	Comply to values set in architectural standards, regulations, guidelines, parameters and universal conventions.
PLO 8	Demonstrating ability to lead and manage cooperatively towards fulfilling pre-determined goals through effective decision making and capacity-building.
PLO 9	Adapt to the changing environments, engage in continuous learning, employing new knowledge and skills to address new challenges in the context of professional development.
PLO 10	Exhibit entrepreneurial skills in architectural or related creative endeavours.
PLO 11	Interpret collective responsibilities of architects in general and codes of architectural ethics particularly within the framework of accountability of architecture towards humanity

Mode and Duration of Study

Mode of Study	Full-time
Minimum Duration	2 years
Maximum duration	4 years

Classification of Courses

Courses offered under this programme are based on the classification scheme shown in the table below:

Classification	Course Group	Credits	Total credit hours	Percentage
1. Programme Core	A. Design	27	51	70
	B. Communication	9		
	C. Cultural Context	3		
	D. Management Practice & Law	6		
	E. Technology and Environment	6		
2. Elective Courses	F. Elective Courses	3	3	5
3. General Courses	G. General Courses	6	6	10
Total credit hours to graduate			60	100

Award Requirements

To be eligible to graduate from this programme, students must complete a total of 60 credit hours, accumulated from courses that are set according to the classification scheme shown above, with a minimum CGPA of 3.0 and have completed all the relevant courses within the time allowed.

List of Courses

The students are assigned to a specific grouping before the registration of courses. Each student is required to register all the courses within the same grouping, except the elective courses (marked with *) that need to be chosen only one (3 credit) from the elective groupings. The students can only register to a maximum of 18 credits only depending to each semester requirement.

Grouping 1

Courses	Course Group	Prerequisite	Credit	Total Credit
MBEA1116 Design Pre-thesis1	A		6	18
MBEA1303 Research Methodology	B		3	
MBEA1213 Socio Culture	C		3	
MBEA2423 Professional Practice	D		3	
UHS6013 Philosophy Science and Civilisation	G		3	

Grouping 2

Courses	Course Group	Prerequisite	Credit	Total Credit
MBEA1126 Design Pre-thesis 2	A		6	15
MBEA1323 Architectural Writing and Publication	B	MBEA 1303	3	
MBEA1223 Urbanism	E		3	
UHMZ6023 Malaysian Society and Culture	G		3	

Grouping 3

Courses	Course Group	Prerequisite	Credit	Total Credit
MBEA1136 Design Pre-thesis 3	A		6	15
MBEA2333 Dissertation	B	MBEA 1323	3	
MBEA1233 Sustainable Technologies	E		3	
MBEA1413 Contract and Law	D		3	

Grouping 4

Courses	Course Group	Prerequisite	Credit	Total Credit
MBEA2149 Design Thesis	A	MBEA 1116 MBEA 1126 MBEA 1136	9	12
MBEAxxx3 Elective Course	F		3	

List of Elective Courses

Courses	Course Group	Prerequisite	Credit	Total Credit
MBEA1513 Space Syntax ¹	F		3	33
MBEA2653 Outreach ¹	F		3	
MBEA1523 Advanced Architectural Computing ¹	F		3	
MBEA1563 Green Building Design ¹	F		3	
MBEA1573 Architecture and Human Behaviour ¹	F		3	
MBEA1533 Measured Drawing ¹	F		3	
MBEA1553 Advance Arch Tech & Construction ¹	F		3	
MBEA1543 CADD & BIM ¹	F		3	
MBEA1583 Current Issues in Architectural Practice ¹	F		3	
MBEA2613 Competition ¹	F		3	
MBEA2633 Management ¹	F		3	

¹Students need to choose only one (1) course.