Programme Overview

The Master of Architecture (M. Arch) is Part II of the professional architecture training programme approved by Lembaga Arkitek Malaysia (LAM) and Majlis Akreditasi dan Pendidikan Seni Bina Malaysia (MAPSM). This programme, a continuation of Part I B.Sc. (Hons) Architecture, prepares graduates for a professional career in Architecture after some years of industry experience and sitting for their final LAM Part III exam.

Programme Objectives

The M. Arch programme focuses on architecture design, technology integration, sustainable building design, urban planning, research, professional practice and environology. Students are expected to demonstrate the knowledge learnt in the supporting subjects in their Final Design Thesis. Architecture firms and professional architects are involved closely in the preparation of the curriculum, training and teaching of the subjects. It is a programme fully integrated with theory and practice.

Programme Features

Approved Programme - M. Arch is approved by LAM and fulfilled the requirements of MAPSM.

Industry Integration - M. Arch is closely linked with the industries, engaging practicing architects in design studios and the teaching of subjects, thus exposing the students to best architecture practices.

Green and Sustainable Design - As green design is fast becoming a major emphasis in the building industry, students will acquire techniques in computer simulations in latest sustainable building design and technologies. We develop M. Arch together with Green Building Index Malaysia (GBI) where some topics are taught by senior GBI professionals. The students are encouraged to take the 4-days GBI Course within the programme period.

Environology - Environology is the design of the environment based on traditional cultures and wisdoms. The students are exposed to the theories of Feng Shui, Tiang Seri and Vastu Sastra in building design while reinforcing with scientific research supported by UTAR Center of Sustainable Architecture (COSA). This will provide a unique competitive edge to our graduates.

Architectural Entrepreneurship - The industry not only needs architects but entrepreneurs. M. Arch equips students with knowledge in business management theories and practices, with Sun Zi Art of Wars and real case studies to inculcate the spirit of entrepreneurship.

Research Integrations - M. Arch is fully supported by and integrated with the UTAR Centre of Sustainable Architecture (COSA) where students are in-touch with the latest research in sustainable architecture and technology integration in building design.

International Exposure - Some of the Studio projects are intended to be developed jointly with overseas schools of architecture where possible. This will provide the students international exposure and experience in cross-culture collaborations.

Programme Structure

- Advanced Construction Technologies
- Advanced Design Studio 1 (Culture & Community)
- Advanced Design Studio 2 (Institution & Workplace)
- Architectural Research
- Architecture Design Thesis 1
- Architecture Design Thesis 2
- Computer Design Simulation & Analysis
- Environology
- Planning and Urban Design
- Professional Practice: Contract Management & Specifications
- Professional Practice: Construction Laws & Entrepreneurship
- Sustainable Building Design
- Theory of Architecture

Elective (Choose one subject)

- Building Conservation and Adaptive Re-use
- Introduction to Landscape Architecture

Career Prospects

The M. Arch graduates can become:
1. Professional Architects (after minimal two years practice and passing Part III examination from LAM);
2. Green Consultants;
3. Project Managers;
4. Researchers and etc.

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