

Master of Architecture



The Master of Architecture Programme at the School of Housing, Building & Planning is a two-year course which is equivalent to the LAM Part II accreditation upon successful completion. This is a continuation of Bachelor of Science HBP (Architecture) or a similar Degree from other local universities or abroad with LAM Part I accreditation or equivalent. The course objective is to train future architects to be competent in exploring the design process and related skills vital to a professional architect. It also provides opportunities for students to conduct a special area of study on contemporary issues such as sustainability, special technologies, conservation or other areas of special interests.

Core Courses

- Architecture Studio 5 and 6
- Design Thesis 1 and 2
- Energy Efficient Building Design Technology
- Research Project
- Building Technology
- Professional Practise 1 and 2
- Architecture Critics
- Architecture in Urban Design



Design Thesis

In the final year, students are expected to complete an independent design thesis study of a challenging typology that suits their interest and touches on wider architectural issues. The course promotes a holistic green approach in design, combining energy efficiency, optimum indoor environmental quality and other relevant green criteria to produce future architects who are energy conscious, forward thinking and sensitive to the environment that can offer revolutionary and innovative solutions for future needs. Students are also expected to be sensitive to physical, social and cultural while developing a strong philosophical mindset, within an array of contemporary issues and styles. A key objective is to produce designers who possess critical and analytical thinking, with creative design solving capabilities for the needs of a globalised future.

Admission Requirements

- I. Fulfill the general requirements of USM's Graduate School
- II. Candidate should hold a good first degree in Bachelor of Science HBP (Architecture), USM or Bachelor of Architecture (equivalent to LAM Part I) from other universities of higher institutions accredited by the Board of Architects Malaysia (LAM)
- III. Hold a CGPA minimum of 2.75 for the Bachelor of Science HBP (Architecture) or from other universities or institutions with equivalent of LAM Part I with at least 6 months of working experience in relevant fields after graduation (a requirement from LAM)
- IV. If candidates' CGPA is in the range of 2.5 – 2.74, one year minimum of working experience after graduation is required in relevant fields (a requirement from LAM)
- V. If candidates' CGPA is in the range of 2.0 – 2.49, five years minimum of working experience after graduation is required in relevant fields (a requirement from LAM)
- VI. Successful in the interview process.

Language Requirement

(Applicable for International Applicants Only)

- A minimum score of 550 in TOEFL (Test of English as a Foreign Language), or
- A minimum score of 6.0 in IELTS (International English Language Testing System).
- Results must be attached with the application form.

Duration

- Full-time Only: Minimum 4 semesters / 2 years and Maximum 8 semesters / 4 years

TABLE 1: Recommended Courses by Semesters

YEAR 1	1st Semester		Unit	2nd Semester		Unit
	RAS 505	Architecture Studio 5	7	RAS 506 -	Architecture Studio 6	7
	RAT 530	Energy Efficient Building Design Technology	3	RAK 555	Professional Practice in Architecture 1	3
	REG 562	Building Services Technology	4	RAT532	Urban Design in Architecture	3
	RMK 363 / REG 361	Construction Economics / Methods of Construction	3	RPK 535 / RHS 505	Regional and Rural Planning/ Housing Law	3
			17			16
YEAR 2	1st Semester		Unit	2nd Semester		Unit
	RAS 603	Design Thesis 1	7	RAS 604 -	Design Thesis 2	7
	RAG562	Building Technology	3	RAK 655-	Professional Practice in Architecture 2	3
	RAT 641	Architecture Criticism	3	RUL 674 -	Research Project (continued From 1 st semester)	4
	RUL 674-	Research Project (2 semesters)	4			
			17			14