

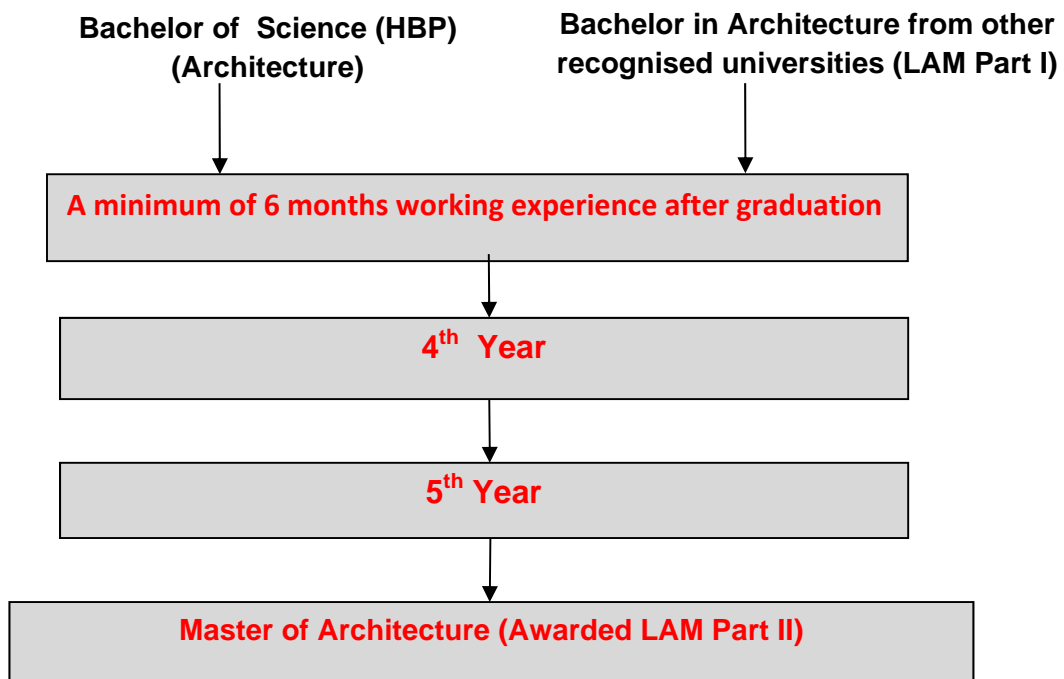
MASTER OF ARCHITECTURE

The Master of Architecture Programme at the School of HBP 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. This master degree 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.

The course comprises of two years where the first year aims at exposing students to the design of multi storey building, focusing on technological and green aspect whereas the second semester is dedicated to problem solving of unique housing design concepts for human settlement. Students are also expected to explore smaller projects of different variety, site context and scale.

In the final year students are expected to do an independent design thesis study of a challenging typology that suits their interest and touches on wider architectural issues. The programme 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 offering revolutionary and innovative solutions for future needs. Students are also expected to be sensitive to physical, social and cultural exploration and developing strong philosophy, within an array of contemporary issues and styles. A key objective is produce designers who have critical and analytical thinking with creative design solving capability for global future.

The pre-requisite to enter the course is to have undergone a minimum duration of 6 months of working experience in the relevant architectural field after completing the Bachelor of Architecture. The study path to Master of Architecture that is offered by the School of HBP is as shown below:



ENTRY REQUIREMENTS

Candidates interested to pursue the Master of Architecture degree must fulfill the requirements listed below :

- I. Satisfy 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, two years 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 performance in the interview process.

KURSUS TERAS / COMPULSORY COURSES

Listed below are the compulsory courses for the Master of Architecture programme

No	Kod dan Tajuk Kursus Codes and Course Titles	Semester	Unit
1	RAS505 - Studio Senibina 5 <i>RAS505 - Architecture Studio 5</i>	1	7
2	RAS506 - Studio Senibina 6 <i>RAS506 - Architecture Studio 6</i>	2	7
3	RAS603 - Tesis Rekabentuk 1 <i>RAS603 - Design Thesis 1</i>	1	7
4	RAS604 - Tesis Rekabentuk 2 <i>RAS604 - Design Thesis 2</i>	2	7
5	RAT530 - Teknologi Reka Bentuk Bangunan Berkecekapan Tenaga <i>RAT530 - Energy Efficient Building Design Technology</i>	1	3
6	RUL674 - Projek Penyelidikan (2 Semester) <i>RUL674 - Research Project (2 Semesters)</i>	1 & 2	8
7	RAG662 - Teknologi Bangunan <i>RAG662 - Building Technology</i>	1	3
8	RAK555 - Amalan Profesional Senibina 1 <i>RAK555 - Professional Practice in Architecture 1</i>	2	3
9	RAK655 - Amalan Profesional Senibina 2 <i>RAK655 - Professional Practice in Architecture 2</i>	2	3
10	RAT641 - Kritikan Senibina <i>RAT641 - Architectural Critics</i>	1	3
11	RAT532 – Senibina dalam Rekabentuk Bandar <i>RAT532 - Architecture in Urban Design</i>	2	3
Jumlah Total			54

KURSUS ELEKTIF / ELECTIVE COURSES

Candidates for the Master of Architecture program can select 3 out of these 5 elective courses listed below carrying a minimum of 10 units.

No	Kod dan Tajuk Kursus Codes and Course titles	Semester	Unit
12	RMK563 - Ekonomi Binaan dalam Senibina ^{*1} <i>RMK563 - Construction Economics in Architecture^{*1}</i>	1	3
13	RHS505 - Undang-Undang dan Perumahan ^{*1} <i>RHS505 - Law and Housing^{*1}</i>	2	3
14	REG562 - Teknologi Perkhidmatan Bangunan ^{*1} <i>REG562- Building Services Technology^{*1}</i>	1	4
15	REG568 - Kaedah Binaan dalam Senibina ^{*2} <i>REG568 - Methods of Construction in Architecture^{*2}</i>	1	3
16	RPK537 - Perancangan Wilayah dan Luar Bandar dalam Senibina ^{*2} <i>RPK537 - Regional and Rural Planning in Architecture^{*2}</i>	2	3
Jumlah Total			16

^{*1}kursus-kursus elektif yang disyorkan (*recommended elective courses*)

^{*2}kursus-kursus elektif lain (*other elective courses*)

KURSUS MENGIKUT SEMESTER COURSES ACCORDING TO SEMESTERS

Year 1	First Semester	Unit	Second Semester	Unit
1	RAS505 - <i>Architecture Studio 5</i>	7	RAS506 - <i>Architecture Studio 6</i>	7
2	RAT530 - <i>Energy Efficient Building Design Technology</i>	3	RAT532 - <i>Architecture in Urban Design</i>	3
3	REG562 - <i>Building Services Technology^{*1}</i>	4	RAK555 - <i>Professional Practice in Architecture 1</i>	3
4	RMK563 - <i>Construction Economics in Architecture^{*1}</i>	3	RHS505 - <i>Law and Housing^{*1}</i>	3
5	REG568 - <i>Methods of Construction in Architecture^{*2}</i>	3	RPK537 - <i>Regional and Rural Planning in Architecture^{*2}</i> (option)	3
Total Units		17		16
		20		19
Year 2	First Semester	Unit	Second Semester	Unit
1	RAS603 - <i>Design Thesis 1</i>	7	RAS604 - <i>Design Thesis 2</i>	7
2	RUL674 - <i>Research Project (2 Semesters)</i>	8		
3	RAG662 - <i>Building Technology</i>	3	RAK655 - <i>Professional Practice in Architecture 2</i>	3
4	RAT641 - <i>Architectural Critics</i>	3		
Total Units		21		10

^{*1}kursus-kursus elektif yang disyorkan (*recommended elective courses*)

^{*2}kursus-kursus elektif lain (*other elective courses*)