



ARCHITECTURE
KHON KAEN UNIVERSITY

Brochure of Graduate Programs

Faculty of Architecture

Khon Kaen University Thailand





Address :

Faculty of Architecture Khon Kaen University
Mittraphab Highway, Khon Kaen, 40002 Thailand

Website : <https://arch.kku.ac.th>

Master of Architecture Program in Building Energy and Environment

1. Faculty	Architecture, Khon Kaen University, Thailand
2. Program overview	The main goal of Master of Architecture in Building Energy and Environment is to provide graduate education focusing on the research and applied design. Our mission is to provide higher education for understanding building technology issues and pursue new knowledge to appropriately serve needs in building problems with in the local and regional context. The graduates of the program will be able to serve building technology industry as architect engineer and academic positions with their knowledge and critical thinking skills.
3.Aims	The program aims to produce graduates with: <ul style="list-style-type: none"> – High competence and independence in research ability. – Knowledge in building technology
4.Program Requirement	Plan A Type A1: Research only Plan A Type A2: Research and course work Plan A Type B: Research and course work <ul style="list-style-type: none"> – A bachelor of architecture or related program is required point average (GPA) not less than 3.00 and research proposal.
5. Curriculum	<ul style="list-style-type: none"> – Plan A Type A1 (Throughout the program : 36 credit units) – Plan A Type A2 (Throughout the program : 36 credit units) – Plan B (Throughout the program : 36 credit units)
6. Fees (Tuition/International student/research)	<ul style="list-style-type: none"> – 108,000 – 123,000 Baht/Academic Year

Program Structure

Categories of Courses	Number of Credit Hours	
	Plan A Type A1	Plan A Type A2
1. Core Courses	Audit	15
2. Major Required Courses	-	-
3.Major Elective Courses	-	9
4.Thesis	36	12
Total credits in the program	36	36

Lists of Courses

Plan A	Categories of Courses	Courses	Credits
Plan A Type A1	Major Required Courses	AR 427 001 Building Technology	Non-credits
		AR 427 002 Research Methodology in Building Technology	Non-credits
		AR 427 891 Seminar in Building Technology I	Non-credits
		AR 427 892 Seminar in Building Technology II	
	Thesis	AR 427898 Thesis	36
	Total		36
Plan A Type A2	Major Required Courses	AR 427 001 Building Technology	3
		AR 427 002 Research Methodology in Building Technology	3
		AR 427 003 Local Technology and Wisdom in Architecture	3
		AR 427 891 Seminar in Building Technology I	3
		AR 427 892 Seminar in Building Technology II	3
	Total		15
	Major Elective Courses	AR 427 006 Architecture for Energy and Environment Conservation	3
		AR 427 007 Natural Cool for Buildings	3
		AR 427 008 Integrated Building Technology	3
		AR 427 009 Building Materials	3
		AR 427 010 Tools and Methods for Energy and Environment Simulations in Building	3
		AR 427 011 Lighting in Architecture	3
		AR 427 012 Advanced Lighting in Architecture	3
		AR 427 013 Energy Management in Building	3
		AR 427 894 Special Topics in Building Technology I	3
		AR 427 895 Special Topics in Building Technology II	3
	Total		9
	Thesis	AR 427899 Thesis	12
	Total		12

Recommended Sequence

Year 1 / Semester 1	Credits	
	Plan A Type A1	Plan A Type A2
AR 427898 Thesis	9	-
AR 427 001 Building Technology	Audit	3
AR 427 002 Research Methodology in Building Technology	Audit	3
AR 427 003 Local Technology and Wisdom in Architecture	-	3
TOTAL ENROLL COURSE CREDIT	9	9
TOTAL CUMULATIVE COURSE CREDIT	9	9
Year 1 / Semester 2	Credits	
	Plan A Type A1	Plan A Type A2
AR 427898 Thesis	9	-
AR 427 891 Seminar in Building Technology I	-	3
AR 427 010 Tools and Methods for Energy and Environment Simulations in Building	-	3
AR 427 011 Lighting in Architecture	-	3
AR 427 006 Architecture for Energy and Environment Conservation	-	3
TOTAL ENROLL COURSE CREDIT	9	9
TOTAL CUMULATIVE COURSE CREDIT	18	20

Year 2 / Semester 1	Credits	
	Plan A Type A1	Plan A Type A2
AR 427898 Thesis	9	-
AR 427899 Thesis	-	3
AR 427 892 Seminar in Building Technology II	-	3
AR 427 008 Integrated Building Technology	-	3
AR 427 013 Energy Management in Building	-	3
TOTAL ENROLL COURSE CREDIT	9	9
TOTAL CUMULATIVE COURSE CREDIT	27	27

Year 2 / Semester 2	Credits	
	Plan A Type A1	Plan A Type A2
AR 427898 Thesis	9	-
AR 427899 Thesis	-	9
TOTAL ENROLL COURSE CREDIT	9	9
TOTAL CUMULATIVE COURSE CREDIT	36	36

*Please note that the curriculum is subject to change as appropriate.

Contact Person

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