

Brochure of Graduate Programs

Faculty of Architecture

Khon Kaen University Thailand



Maser of Architecture Program in Architecture

1. Faculty	Architecture Khon Kaen University Thailand
2. Program overview	Targeted to having a graduated level researcher in Architectural and related fields. To have in-depth knowledge. Have a deep understanding of the research of studying. The operational direction is based on an understanding of the economy, society, culture and technology that is appropriate to the context and sustainable management of the environment based on Morality and ethics.
3. Aims	 The program aims to produce graduates with: Have in-depth academic knowledge in Architectural and related fields. Be create new knowledge from the research itself. Able to bring knowledge in Architectural to convey and publish based on Morality and ethics.
4. Program Requirement	-
5. Curriculum	Plan A Type A1 Total in the program 36 credits hoursPlan A Type A2 Total in the program 36 credits hours
6. Fees(Tuition/International student/research)	108,000 Baht/Academic Year

Program Structure

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

Plan A Type A1	Categories of Courses	Courses	Credits
Type AI	Major Required Courses	AR 417 111 Research Methodology in Architecture	3 (Non-Credit)
	Thesis	AR 417 898 Thesis	36
		Total	36

Plan A	Categories of Courses	Courses	Credits
Type A2		AR 417 111 Research Methodology in Architecture	3(3-0-6)
	Major Required Courses	AR 417 112 Architectural Research Paradigm	3(2-2-6)
		AR 417 113 Architectural Criticism	3(1-4-6)
		AR 417 114 Individual Architectural Research	3(1-4-6)
		AR 417 115 Architectural Seminar	3(1-4-6)
	Major Elective Courses	Architectural Concepts Courses	
		AR 417 211 Architectural Study and Design Process	3(2-2-6)
		AR 417 212 Aesthetics and Meaning in Architecture	3(3-0-6)
		AR 417 213 Architectural Heritage Conversation and Management	3(3-0-6)
		AR 417 214 Built Environment and Concepts of Space	3(3-0-6)
		AR 417 215 Phenomenology in Architecture	3(3-0-6)
		AR 417 216 Human Behavior and Environmental Psychology	3(3-0-6)
		AR 417 217 Appropriate Technology for Sustainable Environment	3(3-0-6)
		AR 417 218 Sustainable Concept and Theory in Built Environment	3(3-0-6)
		AR 417 894 Special Topics in Architecture	3(1-4-6)
		AR 417 895 Architecture Design Research	3(1-4-6)
		Vernacular Architecture Courses	
		AR 417 311 Architecture in the Great Mekong Sub-Region	3(3-0-6)
		AR 417 312 Innovation in Vernacular Architecture for Sustainability	3(3-0-6)
		AR 417 313 Southeast Asia Vernacular Architecture	3(3-0-6)
		AR 417 314 Creative Economics in Vernacular Architecture	3(3-0-6)
		AR 417 315 Folk Wisdom in Vernacular Architecture	3(3-0-6)
		AR 417 316 Cultural Landscape	3(3-0-6)
		History of Architecture Courses	
		AR 417 411 History of Architecture in the Twentieth Century	3(3-0-6)
		AR 417 412 Buddhist Architecture	3(3-0-6)
		AR 417 413 History of Asian Architecture	3(3-0-6)
		AR 417 414 Concepts and Theories in Asian	3(3-0-6)
	Thesis	Contemporary Architecture Design AR 417 899 Thesis	12
		Total	36

Year 1 / Semester 1	Credits		
	Plan A Type A1	Plan A Type A2	
AR 417 898 Thesis	9	-	
AR 417 112 Architectural Research Paradigm		3(2-2-6)	
AR 417 114 Individual Architectural Research	-	3(1-4-6)	
AR 417 xxx Elective Courses	-	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 417 898 Thesis	9	-	
AR 417 113 Architectural Criticism	-	3(1-4-6)	
AR 417 115 Architectural Seminar	-	3(1-4-6)	
AR 417 111 Research Methodology in Architecture	3(3-0-6)	3(3-0-6)	
	(Non-Credit)		
AR 417 xxx	-	-	
TOTAL ENROLL COURSE CREDIT	9	9	
TOTAL CUMULATIVE COURSE CREDIT	18	18	

Year 2 / Semester 1	Credits		
	Plan A Type A1	Plan A Type A2	
AR 417 898 Thesis	9	-	
AR 417 xxx	-	3	
AR 417 xxx	-	3	
AR 417 xxx	-	3	
AR 417 899 Thesis	-	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 417 898 Thesis	9	-	
AR 417 899 Thesis	-	9	
TOTAL ENROLL COURSE CREDIT	9	9	
TOTAL CUMULATIVE COURSE CREDIT	36	36	

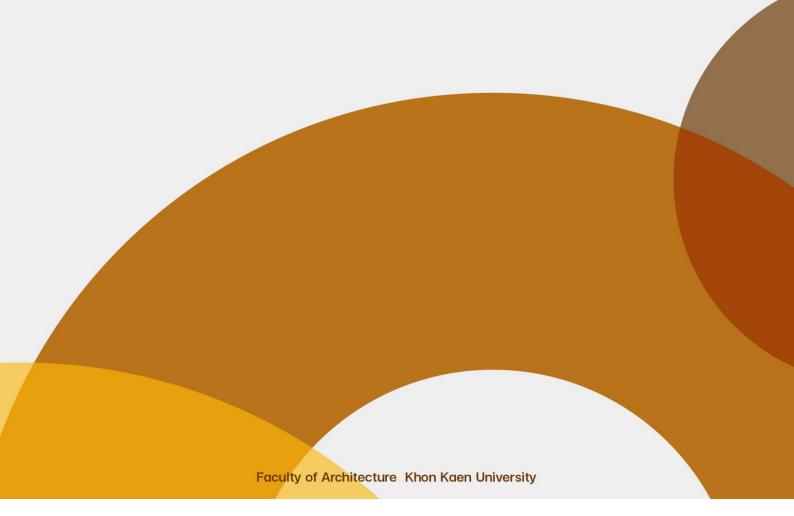
^{*}Please note that the curriculum is subject to change as appropriate.

Contact Person

Assoc. Prof. Nopadon Thungsakul, Ph.D.

Faculty of Architecture Khon Kaen University 40002 Thailand

E-mail address: Nopthu@kku.ac.th



Master of Architecture (Building Energy and Environment)

1. Faculty	Architecture Khon Kaen University Thailand
2. Program overview	The main goal of Master of Architecture (Building Energy and Environment) is to provide graduate education focusing on the research and applied design. Our missions 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: - High competence and independence in research ability. - Knowledge in building technology
4.Program Requirement	Program A1: Research only A bachelor of architecture or related program is required point average (GPA) not less than 3.00 and research proposal. Program A2: Research and course work A bachelor of architecture or related program is required point average (GPA) not less than 3.00 and research proposal.
5. Curriculum	 Plan A Type A1 Total in the program 36 credits hours Plan A Type A2 Total in the program 36 credits hours
 Fees (Tuition/International student/research) 	108,000 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

Plan A	Categories of Courses	Courses	Credits
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
		AR 427 001 Building Technology	3
Plan A Type A2	Major Dogwinad Courses	AR 427 002 Research Methodology in Building Technology	3
	Major Required Courses	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
		AR 427 006 Architecture for Energy and Environment Conservation	3
	Major Elective Courses	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

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	Audit	3	
Technology			
AR 427 003 Local Technology and Wisdom in	-	3	
Architecture			
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	-	3	
Environment Simulations in Building			
AR 427 011 Lighting in Architecture	-	3	
AR 427 006 Architecture for Energy and	-	3	
Environment Conservation			
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

Assoc.Prof. Chumnan Boonyaputthipong, Ph.D.

Program Master of Architecture in Building Technology

Faculty of Architecture,

Khon Kaen University 40002 Thailand

E-mail address: bchumn@kku.ac.th

Master of Urban and Regional Planning Program

1. Faculty	Architecture Khon Kaen University Thailand
2. Program overview	The main goal of Master of Urban and Regional Planning Program is to provide graduate education focusing on the research related to urban and regional planning field. Our missions is to provide higher education for understanding urban and regional planning issues and pursue new knowledge to appropriately serve needs in urban and regional planning problems. The graduates of the program will be able to serve urban and regional planning works as urban planners, academic positions and related works with their knowledge and critical thinking skills.
3.Aims	The program aims to produce graduates with: - High competence and independence in research ability. - Knowledge in urban and regional planning
4.Program Requirement	 Program A1 : Research only Fundamental knowledge in urban and regional planning or related fields. Research experience (optional)
5. Curriculum	- Plan A Type A1 Total in the program 36 credits hours
Fees(Tuition/International student/research)	- 108,000 Bath/Academic Year

Program Structure

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

Plan A	Categories of	Courses	Credits
Type	Courses		
A1	Major Required	AR 437 002 Research Methodology	Non-
	Courses	in Urban and Regional Planning	credits
		AR 437 007 Seminar in Urban and	Non-
		Regional Planning	credits
	Thesis	AR 427898 Thesis	36
		Total	36

Year 1 / Semester 1	Credits
	Plan A Type A1
AR 437 898 Thesis	9
AR 437 002 Research Methodology in Urban and Regional Planning	3 (3-0-6)
	(Non-credits)
AR 437 007 Seminar in Urban and Regional Planning	3 (3-0-6)
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	9
Year 1 / Semester 2	Credits
	Plan A Type A1
AR 437 898 Thesis	9
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	18

Year 2 / Semester 1	Credits	
	Plan A Type A1	
AR 437 898 Thesis	9	
TOTAL ENROLL COURSE CREDIT	9	
TOTAL CUMULATIVE COURSE CREDIT	27	

Year 2 / Semester 2	Credits
	Plan A Type A1
AR 437 898 Thesis	9
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	36

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

Contact Person

Asst. Prof. Pattamaporn Wongwiriya, Ph.D.

Faculty of Architecture

Khon Kaen University 40002 Thailand

E-mail address: pattamawong@kku.ac.th

Master of Design Program in Design

1. Faculty	Architecture Khon Kaen University Thailand
2. Program overview Philosophy	Master of Design Program Design (Course revised 2019) focus on Local wisdom application combined with innovation for the design and creation of sustainable and develop products of community and the elderly products. To be able to compete internationally level. This course that helps develop products of the country. Supporting creative economy policy And is an internationally recognized.
3. Objective	 In-depth knowledge of principles and theories in the field of industrial design. And able to apply knowledge in conducting research or working in highly proficient in the profession. Ability to research or manage academic projects that will contribute to the development of new knowledge or new operational methods in the professional of design. Ability to analyze, synthesize, communicate using computer. And information technology and modern management that will lead to the development of knowledge and causing wide benefits. Having moral, ethical and professional ethics and leadership in promoting moral conduct and professional ethics. Ability to research, analyze, synthesize, develop concepts, theories and knowledge in industrial design. The focus is on the development of local wisdom. Ability to use creative thinking process with scientific techniques. Design works to reflect the value of art and culture. Local knowledge Lifestyle Compatible with Modern Technology and Renaissance.
4.Program Requirement	A bachelor degree or equivalent in industrial design fields such as product design Packaging Design Furniture design Textile design Porcelain Design Graphic design Industrial design, products and other related fields. At the discretion of the selection committee. Candidates for Plan A must have sufficient knowledge in design. If the qualifications are not met. This course is available upon request from the Executive Committee. Program A Type A1: Research only Students shall study in Research Methodology of Industrial Design and Seminar in Industrial Design Program A2: Research and course work Students shall study 5 required courses for 15 credits as Research Methodology of Industrial Design, Design in Context of vernacular culture, Advanced Industrial Design, History of Design and Seminar in Industrial Design
5. Curriculum	 Plan A Type A1 Total in the program 36 credits hours Plan A Type A2 Total in the program 36 credits hours
6. Fees (Tuition/International student/research)	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	36	36
2. Major Required Courses	6 (Non-credits)	15
3.Major Elective Courses	-	9
4.Thesis	36	12
Total credits in the program	36	36

Plan A Type A1	Categories of Courses	Courses	Credits
Type AI	Major Required Courses	**AR 447 101 Research Methodology of Design	Non-credits
		**AR 447 101 Seminar in Design I	Non-credits
		**AR 447 101 Seminar in Design II	Non-credits
	Thesis	**AR 447 898 Thesis	36
		Total	36
Plan A		**AR 447 101 Research Methodology of Design	3
Type A2		**AR 447 104 Innovation Design form Local Wisdom	3
	Major Required Courses	*AR 447 102 Advanced Design	3
		*AR 447 103 Theory and Concept of Design	2
		**AR 447 101 Seminar in Design I	2
		**AR 447 101 Seminar in Design II	2
		Total	15
		*AR 447 201 Creating Business Product Design Strategy	3
	Major Elective Courses	*AR 447 205 Innovation Design	3
		*AR 447 202 Design in Global	3
		*AR 447 203 Integrated Design	3
		*AR 447 204 Technology for Designer	3
		**AR 447 894 Special Topics of Design	3
		Remark: should 3 courses of total 9 credits with approval from the program committee	
		Total	9
	Thesis	**AR 447 899 Thesis	12
	Total		12

Year 1 / Semester 1	Credits	
	Plan A Type A1	Plan A Type A2
**AR 447 898 Thesis	9	-
**AR 447 101 Research Methodology of Design	3	3
	(Non-Credits)	
**AR 447 104 Innovation Design form Local Wisdom	-	3
*AR 447 103 Theory and Concept of Design	-	2
*AR 447 202 Design in Global	-	3
TOTAL ENROLL COURSE CREDIT	12	11
TOTAL CUMULATIVE COURSE CREDIT	9	11
Year 1 / Semester 2	Credits	
	Plan A Type A1	Plan A Type A2
**AR 447 898 Thesis	9	-
**AR 447 101 Seminar in Design I	3	2
	(Non-Credits)	
*AR 447 102 Advanced Design	-	3
812 xxx Electives Course	-	6
(*AR 447 201 Creating Business Product Design		(3)
Strategy)		(3)
(*AR 447 205 Innovation Design)		
TOTAL ENROLL COURSE CREDIT	12	11
TOTAL CUMULATIVE COURSE CREDIT	18	22

Year 2 / Semester 1	Credits	
	Plan A Type A1	Plan A Type A2
**AR 447 898 Thesis	9	-
**AR 447 101 Seminar in Design II	-	2
**AR 447 899 Thesis	-	3
xxx xxx Elective Course	-	-
TOTAL ENROLL COURSE CREDIT	9	5
TOTAL CUMULATIVE COURSE CREDIT	27	27

Year 2 / Semester 2	Credits	
	Plan A Type A1	Plan A Type A2
**AR 447 898 Thesis	9	-
**AR 447 899 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

Asst. Prof. Thanasit Chantaree, Ph.D.

Faculty of Architecture Khon Kaen University 40002 Thailand

E-mail address: thacha1@kku.ac.th E-mail address: wmanie@kku.ac.th

Doctor of Philosophy Program in Architecture

1. Faculty	Architecture Khon Kaen University Thailand
2.Program overview	Targeted to having a researcher in Architectural and related fields. To have in-depth knowledge. Have a deep understanding of the research of studying. Having knowledge and skills in research. Research and development skills to create knowledge from research to continue to publish for the benefit of society with strongly Ethics and Morals.
3.Aims	 The program aims to produce graduates with: Have in-depth academic knowledge in Architecture and related to academic integration. Ability to research results to create new knowledge and have a Lifelong Learning. Be full of Ethical and Moral in research. Ability to Transfer and dissemination of academic and new knowledge for further Country development.
4. Program Requirement	-
5. Curriculum	Type 1.1 Total in the program 48 credits hours Type 2.1 Total in the program 48 credits hours
6. Fees(Tuition/International student/research)	123,000 – 150,000 Baht/Academic Year

Program Structure

Categories of Courses	Number of Credit Hours	
	Type 1.1	Type 2.1
1. Core Courses	-	-
2. Major Required Courses	-	6
3.Major Elective Courses	-	6
4.Thesis	48	36
Total	48	48

Lists of Courses

Type 1.1	Categories of Courses	Courses	Credits
	Major Required Courses	AR 818 991 Dissertation Seminar I	Non-credits
		AR 818 991 Dissertation Seminar II	Non-credits
		AR 818 991 Dissertation Seminar III	Non-credits
		AR 818 991 Dissertation Seminar IV	Non-credits
	Dissertation	AR 818 996 Dissertation	48
		Total	48

Recommended Sequence

Year 1 / Semester 1	Credits
	Type 1.1
AR 818 996 Dissertation	9
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	9
Year 1 / Semester 2	Credits
	Type 1.1
AR 818 996 Dissertation	9
AR 818 991 Dissertation Seminar I	3
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	18

Year 2 / Semester 1	Credits
	Type 1.1
AR 818 996 Dissertation	9
AR 818 992 Dissertation Seminar II	3
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	27

Year 2 / Semester 2	Credits
	Type 1.1
AR 818 996 Dissertation	9
AR 818 993 Dissertation Seminar III	3
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	36

Year 3 / Semester 1	Credits
	Type 1.1
AR 818 996 Dissertation	9
AR 818 994 Dissertation Seminar IV	3
	(Non-credits)
TOTAL ENROLL COURSE CREDIT	9
TOTAL CUMULATIVE COURSE CREDIT	45
Year 3 / Semester 2	Credits
	Type 1.1
AR 818 996 Dissertation	3
TOTAL ENROLL COURSE CREDIT	3
TOTAL CUMULATIVE COURSE CREDIT	48

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

Contact Person

Prof. Warunee Wang, Ph.D.

Faculty of Architecture

Khon Kaen University 40002 Thailand

E-mail address: warphu@kku.ac.th E-mail address: wmanie@kku.ac.th

Doctor of Philosophy Program in Integrated Research for Design, Architecture, Regional and City Planning

Philosophy

Doctor of Philosophy Program Integrated Research Program for Design, Architecture, and Planning for Regions and Cities (updated 2021)

Aiming to produce academically quality doctorates. Possess a high level of research potential according to international academic and professional standards in design, architecture, and district and city planning, including research for design, architecture, and district and city planning.

To be in line with the Sustainable Development Goals for all three factors Influences include social, environmental and economic.

Objective

Doctor of Philosophy Program Integrated Research Program for Design, Architecture, and Planning for Regions and Cities (Revised Curriculum B.E. 2521) to produce a Ph.D. with the following qualifications:

- 1. Having in-depth and in-depth knowledge of the principles and theories that are important in the field of integrated research for design, architecture, and regional and urban planning; and other related fields of science, used in the explanation and understanding of complex phenomena and can be applied to use that knowledge to develop knowledge in the field of study
- 2. Have the ability and skills in research by integrating knowledge both in depth and wide angle for solving the problem complex academic or operational They can develop new knowledge or new practices in the field of integrated research for design, architecture, and regional and urban planning.
- 3. Having the ability to to work properly with others has the characteristics of a leader Good leaders and followers understand and have the ability to see the big picture and systematic perspectives that must be applied in their work to work effectively as a team
- 4. Have the ability to think, analyze, synthesize, communicate, use computers and information technology and modern management that will lead to the development of knowledge and can be applied in a wide range
- 5. Having morals, ethics and academic/professional ethics. and have leadership to lead and be a role model in behavior behave with integrity and ethics and academic and professional ethics

Qualifications of the students

- In accordance with the Ministry of Education's announcement regarding the Graduate Program Standards Criteria B.E. 2555 (2012)
- Comply with the regulations of Khon Kaen University on Graduate Studies B.E. 2559 and Form 1.1 for students who have completed a Master's degree or equivalent.
- Graduated in design, architecture, and regional and urban planning. or related fields
- Graduates with a minimum GPA of 3.20 or lower GPA must have at least 1 year of work experience.
- If the qualifications do not meet the requirements, it is at the discretion of the Program Executive Committee.
- Graduated in Design, Architecture, and Regional and Urban Planning. or related fields
- A graduate with a very good GPA. or if the GPA is lower, must have experience Working for at least 3 years, Type 2.1 is for students who have completed a Master's degree or equivalent.
- Graduated in the field of Architectural Design. and regional and city planning or related science
- Graduates with a minimum GPA of 3.20 or lower GPA must have experience work at least 1 year
- If the qualifications are not met, it is at the discretion of the Program Executive Committee. Form 2.2 for students with a graduate degree or equivalent.
- Graduates in design, architecture, and district and urban planning or related sciences.
- A graduate with a very good GPA.
- If the qualification does not meet the requirements, it is at the discretion of the course board.

Education system

The education system is traditional classroom style combined with online, synchronous and asynchronous formats.

Number of credits

Type 1.1 Total course 48 credits

Form 2.1 Total course length 48 credits

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

Contact Person

Assoc. Prof. Choopong Thongkamsamut, Ph.D.

Faculty of Architecture

Khon Kaen University 40002 Thailand E-mail address: Choopong_t@hotmail.com

Faculty of Architecture

Khon Kaen University Thailand

https://arch.kku.ac.th

