

**Curriculum Details**  
**Master of Architecture Program in Thai Architecture**  
**(Revised Curriculum 2022)**

**Name of Institution:** Silpakorn University  
**Campus/Faculty/Department:** Wang Tha Phra/Faculty of Architecture/Department of Related Arts in Architecture

**Number and Title of the Program**

**Number of the Program:** 25500081107586  
**Title of the Program:** Master of Architecture Program in Thai Architecture

**Name of Degree and Field of Study**

**Full name:** Master of Architecture (Thai Architecture)  
**Abbreviation of name:** M. Arch. (Thai Architecture)

**Major**

None

**Total Number of Credits**

Plan A1      equivalent of 36 credits  
 Plan A2      not less than 36 credits  
 Plan B        not less than 39 credits

**Character of the Program**

1. **Type of program:** Master's degree
 

Plan A1	1.5 years
Plan A2	2 years
Plan B	2 years
2. **Language medium:** Thai and/or English
3. **Student intake:** Thai and foreign students who are able to communicate in Thai and/or English
4. **Collaboration with other institutes:** This program is run exclusively by the organizing institute.
5. **Degree conferred:** Single degree

**Career Opportunities after Graduation**

1. Architect who specializes in Thai architecture
2. Architect who specializes in building conservation
3. Academician in architecture and Thai architecture
4. Teacher in the field of Thai architecture

### Objectives of the Program

1. To produce graduates who specializes in Thai architecture and/or architectural conservation
2. To preserve, protect, and produce creative works of Thai architecture
3. To encourage creating contemporary works of architecture that expresses Thai cultural identity through innovative ideas
4. To encourage research in the field of Thai architecture and related arts.

### Eligibility to Apply

1. Applicants must possess the qualifications prescribed for each type of study plan as follows:
  - 1.1 Plan A1 is for holders of a Bachelor of Architecture in Thai Architecture with a minimum grade point average of 2.50; those with lower average however, may be considered for admission at the discretion of the Program Operating Committee
  - 1.2 Plan A2 is for holders of a Bachelor of Architecture
  - 1.3 Plan B is for holders of a Bachelor's degree in a related field, subject to approval of the Program Operating Committee
2. Possess additional qualities demonstrating fundamental knowledge of Thai architecture deemed significant by the Program Operating Committee
3. Possess the qualities stipulated under Article 7 of Silpakorn University Graduate Studies Regulations, 2023 and/or subsequent changes thereof.

### Number of Credits

Plan A1	equivalent of 36 credits
Plan A2	not less than 36 credits
Plan B	not less than 39 credits

### Structure of the Curriculum

#### Plan A1

Compulsory courses	non-credit	6 credits
Thesis	equivalent to	36 credits
Total number of credits throughout the program		36 credits

#### Plan A2

Compulsory courses	a number of	12 credits
Elective courses	not less than	12 credits
Thesis	equivalent to	12 credits
Minimum total number of credits throughout the program		36 credits

**Plan B**

Compulsory courses	a number of	12 credits
Required elective courses	not less than	12 credits
Elective courses	not less than	9 credits
Independent Study	equivalent to	6 credits
Minimum total number of credits throughout the program		39 credits

*Note:* - Plans A1 and A2 do not require students to take Comprehensive Exam

- Plan B students are required to take Comprehensive Exam after having studied and passed all compulsory courses and fulfilled necessary course conditions.

**Courses****Foundation course (non-credit)**

Students with inadequate background in Thai architecture are required to enroll in the following foundation course of 3 credits that shall be evaluated in terms of S or U

262 400	Delineations in Thai Architecture	3*(0-6-3)
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**Plan A1** Equivalent to 36 credits**Compulsory Courses (non-credit)** 6 credits

262 510	Research Methodology	3*(3-0-6)
262 511	Seminar in Critical Theories	3*(3-0-6)

**Thesis (equivalent to 36 credits from either of the following options)**

262 420	Thai Architectural Design Thesis	equivalent to 36 credits
262 421	Thai Architectural Research Thesis	equivalent to 36 credits

*Note:* \* denotes non-credit courses that are evaluated in terms of S or U

**Plan A2** Total of not less than 36 credits throughout the program**Compulsory Courses (12 credits)**

262 410	Advanced Thai Architectural Design I	3(2-3-4)
262 411	Advanced Thai Architectural Design II	3(2-3-4)
262 510	Research Methodology	3(3-0-6)
262 511	Seminar in Critical Theories	3(3-0-6)

**Elective Courses (not less than 12 credits)**

Students may choose from the following electives given the approval of an advisor:

262 412	Conservation and Adaptation of Architectural Heritage: Philosophy, Theory and Practice	3(3-0-6)
262 413	Development of Architecture in Thailand	3(3-0-6)
262 414	Building Conservation and Adaptation	3(2-3-4)
262 415	Reuse and Regeneration of Historic Site	3(2-3-4)

262 430	Building Surveys and Documentation	3(2-2-5)
262 431	Building Pathology	3(2-2-5)
262 432	Conservation Management of Buildings and Historic Sites	3(3-0-6)
262 433	Design Intervention for Historic Buildings and Settings	3(2-2-5)
262 434	Craftsmanship Techniques for Architectural Conservation	3(2-2-5)
262 440	Thai Architecture for Specific Events	3(3-0-6)
262 441	Decorative Thai Architectural Ornaments and Detail Drawing	3(2-2-5)
262 442	Conservation Practice	3(0-6-3)
262 443	Folk Cultural Heritage	3(3-0-6)
262 531	History of Architecture During the Sukhothai and Ayutthaya Periods	3(3-0-6)
262 532	History of Architecture During the Rattanakosin Period	3(3-0-6)
262 535	Architectural Reconstruction	3(0-6-3)
262 538	Individual Study	3(0-6-3)

Apart from the above electives, students may also choose to enroll in any other courses offered by other programs at the Graduate Level, subject to the approval of an advisor.

**Thesis (equivalent to 12 credits from either of the following options)**

262 422	Thai Architectural Design Thesis	equivalent to 12 credits
262 423	Thai Architectural Research Thesis	equivalent to 12 credits

**Plan B** Total of not less than 39 credits throughout the program

**Compulsory Courses (12 credits)**

262 412	Conservation and Adaptation of Architectural Heritage: Philosophy, Theory and Practice	3(3-0-6)
262 413	Development of Architecture in Thailand	3(3-0-6)
262 414	Building Conservation and Adaptation	3(2-3-4)
262 415	Reuse and Regeneration of Historic Site	3(2-3-4)

**Required Elective Courses (not less than 12 credits)**

262 430	Building Surveys and Documentation	3(2-2-5)
262 431	Building Pathology	3(2-2-5)
262 432	Conservation Management of Buildings and Historic Sites	3(3-0-6)
262 433	Design Intervention for Historic Buildings and Settings	3(2-2-5)
262 434	Craftsmanship Techniques for Architectural Conservation	3(2-2-5)

**Elective Courses (not less than 9 credits)**

262 440	Thai Architecture for Specific Events	3(3-0-6)
262 441	Decorative Thai Architectural Ornaments and Detail Drawing	3(2-2-5)
262 442	Conservation Practice	3(0-6-3)
262 443	Folk Cultural Heritage	3(3-0-6)
262 531	History of Architecture During the Sukhothai and Ayutthaya Periods	3(3-0-6)
262 532	History of Architecture During the Rattanakosin Period	3(3-0-6)

262 535	Architectural Reconstruction	3(0-6-3)
262 538	Individual Study	3(0-6-3)

Apart from the above electives, students may also choose to enroll in any other courses offered by other programs at the Graduate Level, subject to the approval of an advisor.

**Independent Study (equivalent to 6 credits)**

262 424	Independent Study	equivalent to 6 credits
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## Study Plans

## Plan A1

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 511	Seminar in Critical Theories	3*(3-0-6)
262 420 <i>or</i> 262 421	Thai Architectural Design Thesis <i>or</i> Thai Architectural Research Thesis (equivalent to)	15
<b>Total</b>		<b>15</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
262 510	Research Methodology	3*(3-0-6)
262 420 <i>or</i> 262 421	Thai Architectural Design Thesis <i>or</i> Thai Architectural Research Thesis (equivalent to)	15
<b>Total</b>		<b>15</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 420 <i>or</i> 262 421	Thai Architectural Design Thesis <i>or</i> Thai Architectural Research Thesis (equivalent to)	6
<b>Total</b>		<b>6</b>

Note: \* denotes non-credit courses that are evaluated in terms of S or U

## Plan A2

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 400	Delineations in Thai Architecture	3*(0-6-3)
262 410	Advanced Thai Architectural Design I	3(2-3-4)
262 511	Seminar in Critical Theories	3(3-0-6)
	Electives	3
<b>Total</b>		<b>9</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
262 411	Advanced Thai Architectural Design II	3(2-3-4)
262 510	Research Methodology	3(3-0-6)
	Electives	6
<b>Total</b>		<b>12</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 422 <i>or</i> 262 423	Thai Architectural Design Thesis <i>or</i> Thai Architectural Research Thesis (equivalent to)	3
	Electives	3
<b>Total</b>		<b>6</b>

## Year 2, Semester 2

Course No.	Course Title	Credits (L-P-E)
262 422 <i>or</i> 262 423	Thai Architectural Design Thesis <i>or</i> Thai Architectural Research Thesis (equivalent to)	9
<b>Total</b>		<b>9</b>

Note: \* denotes non-credit courses that are evaluated in terms of S or U

## Plan B

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 400	Delineations in Thai Architecture	3*(0-6-3)
262 412	Conservation and Adaptation of Architectural Heritage: Philosophy, Theory and Practice	3(3-0-6)
262 413	Development of Architecture in Thailand	3(3-0-6)
	Required electives	3
	Electives	3
<b>Total</b>		<b>12</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
262 414	Building Conservation and Adaptation	3(2-3-4)
	Required electives	3
	Electives	6
<b>Total</b>		<b>12</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
262 415	Reuse and Regeneration of Historic Site	3(2-3-4)
262 424	Independent Study (equivalent to)	3
	Electives	6
<b>Total</b>		<b>12</b>

## Year 2, Semester 2

Course No.	Course Title	Credits (L-P-E)
262 424	Independent Study (equivalent to)	3
<b>Total</b>		<b>3</b>

Note: \* denotes non-credit courses that are evaluated in terms of S or U



## Course Descriptions

262 400	<p><b>Delineations in Thai Architecture</b></p> <p><i>Non-credit course with evaluation in terms of S or U</i></p> <p>Drafting exercises on various types of Thai architectural components, decorative ornaments, structure and construction details.</p>	3(0-6-3)
262 410	<p><b>Advanced Thai Architectural Design I</b></p> <p>Advanced exercises in traditional Thai architectural design; emphasis on design concepts, data collection and analytical process for designing creative Thai architecture that responds to the present economy, society, culture, technology, and construction methods.</p> <p>Field trips required.</p>	3(2-3-4)
262 411	<p><b>Advanced Thai Architectural Design II</b></p> <p>Advanced exercises in traditional Thai architectural design involving complex and multiple functions; emphasis on analytical process, data collection and design of creative Thai architecture that responds to present economy, society, culture, technology, and construction methods.</p> <p>Field trips required.</p>	3(2-3-4)
262 412	<p><b>Conservation and Adaptation of Architectural Heritage: Philosophy, Theory and Practice</b></p> <p>Ideology and philosophy of architectural heritage conservation at international level and in Thailand; concept of conservation and rehabilitation in Thailand from past to present based on case studies ranging from ancient monuments, historic buildings and old towns, to cultural heritage, and archaeological sites.</p>	3(3-0-6)
262 413	<p><b>Development of Architecture in Thailand</b></p> <p>Investigation of historical data; development of architectural forms due to the development of construction, beliefs, construction technology, ideology, as well as former functions, and morphology of historic buildings and towns.</p>	3(3-0-6)

- 262 414 Building Conservation and Adaptation 3(2-3-4)**  
 Architectural design and adaptation of old buildings according to theories and principles of architectural conservation for contemporary use; understanding buildings, conservation process, and architectural conservation drawings to be complemented by surveying and recording.
- 262 415 Reuse and Regeneration of Historic Site 3(2-3-4)**  
 Design for adaptation of historical buildings and revitalization of historic districts that responds to changing use according to social context, economy and culture; administrative principles, management, legislations and stakeholders; architectural design by process of data collection on social, cultural and physical aspects of community; analysis and synthesis of data according to needs and principles of architectural conservation and adaptation.
- 262 420 Thai Architectural Design Thesis (Plan A1) equivalent to 36 credits**  
 Individual undertaking of a Thai architectural design project, starting from data collection, analysis, design and presentation, through to compiling and formatting into a comprehensive document under the supervision of an advisor.
- 262 421 Thai Architectural Research Thesis (Plan A1) equivalent to 36 credits**  
 Individual undertaking of a research project on an approved topic concerning design of Thai architecture, according to set research methodology carried out under the supervision of an advisor.
- 262 422 Thai Architectural Design Thesis (Plan A2) equivalent to 12 credits**  
 Individual undertaking of a Thai architectural design project, starting from data collection, analysis, design and presentation, through to compiling and formatting into a comprehensive document under the supervision of an advisor.
- 262 423 Thai Architectural Research Thesis (Plan A2) equivalent to 12 credits**  
 Individual undertaking of a research project on an approved topic concerning design of Thai architecture, according to set research methodology carried out under the supervision of an advisor.
- 262 424 Independent Study equivalent to 6 credits**  
 Independent study on a topic related to architectural conservation and adaptation under the supervision of advisor.

- 262 430 Building Surveys and Documentation 3(2-2-5)**  
 Surveying technique and technology; data collection and data organization; architectural drawing of old buildings and documenting basic conditions of buildings.  
 Field trips required.
- 262 431 Building Pathology 3(2-2-5)**  
 Structure and construction based on architectural components; condition assessment, damage, pattern of damage and guidelines for consolidation.  
 Field trips required.
- 262 432 Conservation Management of Buildings and Historic Sites 3(3-0-6)**  
 Theories and principles of planning and management of conservation and adaptation projects and management of historical sites; planning mechanisms for preventing architectural heritage from damages, and management plans for supporting maintenance and future repairs.
- 262 433 Design Intervention for Historic Buildings and Settings 3(2-2-5)**  
 Theories, principles and examples of design intervention for historic buildings and settings; limitations due to regulations, social and cultural contexts; understanding building and site morphology that leads to development of rational architectural process responsive to contexts and significance of the site.
- 262 434 Craftsmanship Techniques for Architectural Conservation 3(2-2-5)**  
 Techniques and methods of craftsmen such as carpenters, masons, metalworkers, painters, and the ten disciplines of traditional Thai artisans for carrying out repairs and restoration.
- 262 440 Thai Architecture for Specific Events 3(3-0-6)**  
 History, styles, functions, construction methods and decorative elements of Thai architecture built for single specific event and subsequently taken down after having served its purpose, such as cremation pavilions, royal stands and other ceremonial structures.

<b>262 441</b>	<b>Decorative Thai Architectural Ornaments and Detail Drawing</b>	<b>3(2-2-5)</b>
	Traditional decorative designs of Thai architectural ornaments; exercises in drawing various details in the process of design development and expression of construction techniques and ornamentation.	
<b>262 442</b>	<b>Conservation Practice</b>	<b>3(0-6-3)</b>
	Practice in conservation and adaptation of historical buildings based on case studies. Field trips required.	
<b>262 443</b>	<b>Folk Cultural Heritage</b>	<b>3(3-0-6)</b>
	Theories and framework of folk cultural heritage; site survey, collecting folk cultural heritage data; definitions of values; design guidelines for conservation, adaptation, and reuse following the evolution of cultural process and tradition.	
<b>262 510</b>	<b>Research Methodology</b>	<b>3(3-0-6)</b>
	<i>Plan A1 students to be evaluated in terms of S or U</i> <i>Plan A2 students to be evaluated in terms of grades</i> Methods, research models, and their applications for carrying out investigations into history of architecture and related arts as well as architectural conservation and Thai architecture.	
<b>262 511</b>	<b>Seminar in Critical Theories</b>	<b>3(3-0-6)</b>
	<i>Plan A1 students to be evaluated in terms of S or U</i> <i>Plan A2 students to be evaluated in terms of grades</i> Discussion of theories, principles, and concepts pertaining to history of architecture, Thai architecture and conservation of historic buildings.	
<b>262 531</b>	<b>History of Architecture During the Sukhothai and Ayutthaya Periods</b>	<b>3(3-0-6)</b>
	Ideologies, concepts, building layouts, styles, structures and architectural components of architecture in Thailand; role and development of Buddhist buildings and structures such as stupas, prangs, mandapas, ordination halls, and viharas, in connection with developments in Thai art and architecture during the periods of Sukhothai and Ayutthaya (14 <sup>th</sup> to 19 <sup>th</sup> centuries). Field trips required.	

- 262 532 History of Architecture During the Rattanakosin Period 3(3-0-6)**  
Architecture of Rattanakosin period from the reign of King Rama I to King Rama VIII; aesthetic values and ideologies; socio-cultural conditions and ideals affecting the creation of architecture especially those influenced by Ayutthaya, Chinese and Western civilizations; lifestyles reflected in the works of architecture through analysis of plans, styles, components, materials and construction of various building types: temples, palaces, residences, public and government buildings.
- 262 535 Architectural Reconstruction 3(0-6-3)**  
Reconstructive modeling of original forms of ancient buildings using knowledge and principles of architectural history; procedures for collecting and documenting on-site architectural data with technology and modern processing means.  
Field trips required.
- 262 538 Individual Study 3(0-6-3)**  
Individual study on a topic of special interest concerning history of architecture or architectural conservation.