

**Curriculum Details**  
**Master of Landscape Architecture Program**  
**(Revised Curriculum 2022)**

**Name of Institution:** Silpakorn University  
**Campus/Faculty/Department:** Wang Tha Phra/Faculty of Architecture/  
 Landscape Architecture Division

**Number and Title of the Program**

**Number of the Program:** 25510081107486  
**Title of the Program:** Master of Landscape Architecture Program

**Name of Degree and Field of Study**

**Full name:** Master of Landscape Architecture  
**Abbreviation of name:** M.L.A.

**Major**

None

**Total Number of Credits**

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

**Character of the Program**

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

Plan A1	2 years
Plan A2	2 years
Plan B	1.5 years (may be completed within 1.5 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. Teacher in an education institution
2. Landscape architect
3. Academician and researcher in the field of landscape architecture
4. Consultant in the field of landscape architecture

### Objectives of the Program

1. To produce landscape architects who have interdisciplinary knowledge and understanding of the art and science of landscape architecture
2. To produce graduates who possess professional ethics in the field of landscape architecture so as to help improve environmental quality in future
3. To build up further body of knowledge that would lead to raising academic and professional standards in the field of landscape architecture

### Eligibility to Apply

1. Applicants must possess a Bachelor's degree in either architecture, landscape architecture, or a related discipline subject to deliberation by the Program Operating Committee
2. Possess the qualities stipulated under Article 7 of Silpakorn University Graduate Studies Regulations, 2023 and/or subsequent changes thereof.

### Number of Credits

Total minimum of 39 credits throughout the program

### Structure of the Curriculum

#### Plan A1

Thesis	equivalent to	39 credits
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#### Plan A2

Compulsory courses	a number of	21 credits
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Elective courses	not less than	6 credits
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Thesis	equivalent to	12 credits
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#### Plan B

Compulsory courses	a number of	27 credits
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Elective courses	not less than	9 credits
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Independent Study	equivalent to	3 credits
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*Note:* - Plans A1 and A2 do not require students to take Comprehensive Exam

- Plan B students are required to take Comprehensive Exam on theory and practice in designing landscape architecture and involvement with other disciplines.

**Courses****Plan A1****Foundation Courses (non-credit) 9 credits**

Students with inadequate background in doing research and/or in landscape architecture may, at the discretion of the Program Operating Committee, be required to take the following non-credit courses that shall be evaluated in terms of S or U

266 517	Research Methodology in Landscape Architecture	3*(3-0-6)
266 518	Seminar in Landscape Architecture	3*(2-2-5)
266 538	Special Topic Study	3*(0-6-3)

**Thesis (equivalent to 39 credits)**

266 520	Thesis	equivalent to 39 credits
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*Note:* \* denotes non-credit courses that are evaluated in terms of S or U

**Plan A2****Foundation Course (non-credit) 3 credits**

Students with inadequate background in landscape architecture may, at the discretion of the Program Operating Committee, be required to take the following non-credit course that shall be evaluated in terms of S or U

266 500	Landscape Architectural Construction	3*(2-2-5)
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**Compulsory Courses (21 credits)**

266 510	Principles and Theories in Landscape Architecture	3(3-0-6)
266 511	Landscape Ecology and Sustainable Development	3(3-0-6)
266 512	Planting Design	3(2-2-5)
266 513	Landscape Architectural Design Studio I	3(0-6-3)
266 514	Landscape Architectural Design Studio II	3(0-6-3)
266 516	Advanced Landscape Architectural Construction	3(2-2-5)
266 517	Research Methodology in Landscape Architecture	3(3-0-6)

**Elective Courses (not less than 6 credits)**

266 530	Visual Quality Analysis and Assessment	3(3-0-6)
266 531	Urban Landscape	3(3-0-6)
266 532	Cultural Landscape	3(3-0-6)
266 533	Ecological Landscape Design and Planning	3(3-0-6)
266 534	Regenerative Landscape Design	3(3-0-6)
266 535	Material and Construction Design in Landscape Architecture	3(2-2-5)
266 536	Universal Design	3(3-0-6)
266 537	Geographic Information System in Landscape Architecture	3(2-2-5)
266 538	Special Topic Study	3(0-6-3)

Apart from the above electives, students may also choose to enroll in 266 515 Landscape Architectural Design Studio III, 266 518 Seminar in Landscape Architecture, which are compulsory for Plan B, and count the credits as electives along with any other courses offered by other programs at the Graduate Level, subject to the approval of an advisor.

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

**Thesis (equivalent to 12 credits)**

266 521	Thesis	equivalent to 12 credits
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**Plan B****Foundation Course (non-credit) 3 credits**

Students with inadequate background in landscape architecture may, at the discretion of the Program Operating Committee, be required to take the following non-credit course that shall be evaluated in terms of S or U

266 500	Landscape Architectural Construction	3*(2-2-5)
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**Compulsory Courses (27 credits)**

266 510	Principles and Theories in Landscape Architecture	3(3-0-6)
266 511	Landscape Ecology and Sustainable Development	3(3-0-6)
266 512	Planting Design	3(2-2-5)
266 513	Landscape Architectural Design Studio I	3(0-6-3)
266 514	Landscape Architectural Design Studio II	3(0-6-3)
266 515	Landscape Architectural Design Studio III	3(0-6-3)
266 516	Advanced Landscape Architectural Construction	3(2-2-5)
266 517	Research Methodology in Landscape Architecture	3(3-0-6)
266 518	Seminar in Landscape Architecture	3(2-2-5)

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

266 530	Visual Quality Analysis and Assessment	3(3-0-6)
266 531	Urban Landscape	3(3-0-6)
266 532	Cultural Landscape	3(3-0-6)
266 533	Ecological Landscape Design and Planning	3(3-0-6)
266 534	Regenerative Landscape Design	3(3-0-6)
266 535	Material and Construction Design in Landscape Architecture	3(2-2-5)
266 536	Universal Design	3(3-0-6)
266 537	Geographic Information System in Landscape Architecture	3(2-2-5)
266 538	Special Topic 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 with the approval of an advisor.

**Independent Study (equivalent to 3 credits)**

266 522	Independent Study	equivalent to 3 credits
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*Note: \** denotes non-credit courses that are evaluated in terms of S or U

## Study Plans

## Plan A1

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 520	Thesis (equivalent to)	3
<b>Total</b>		<b>3</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 520	Thesis (equivalent to)	12
<b>Total</b>		<b>12</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 520	Thesis (equivalent to)	12
<b>Total</b>		<b>12</b>

## Year 2, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 520	Thesis (equivalent to)	12
<b>Total</b>		<b>12</b>

## Plan A2

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 510	Principles and Theories in Landscape Architecture	3(3-0-6)
266 513	Landscape Architectural Design Studio I	3(0-6-3)
266 517	Research Methodology in Landscape Architecture	3(3-0-6)
	Elective	3
<b>Total</b>		<b>12</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 511	Landscape Ecology and Sustainable Development	3(3-0-6)
266 512	Planting Design	3(2-2-5)
266 514	Landscape Architectural Design Studio II	3(0-6-3)
266 516	Advanced Landscape Architectural Construction	3(2-2-5)
	Elective	3
<b>Total</b>		<b>15</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 521	Thesis (equivalent to)	6
<b>Total</b>		<b>6</b>

## Year 2, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 521	Thesis (equivalent to)	6
<b>Total</b>		<b>6</b>

## Plan B

## Year 1, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 510	Principles and Theories in Landscape Architecture	3(3-0-6)
266 513	Landscape Architectural Design Studio I	3(0-6-3)
266 517	Research Methodology in Landscape Architecture	3(3-0-6)
	Elective	3
<b>Total</b>		<b>12</b>

## Year 1, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 511	Landscape Ecology and Sustainable Development	3(3-0-6)
266 512	Planting Design	3(2-2-5)
266 514	Landscape Architectural Design Studio II	3(0-6-3)
266 516	Advanced Landscape Architectural Construction	3(2-2-5)
	Elective	3
<b>Total</b>		<b>15</b>

## Year 2, Semester 1

Course No.	Course Title	Credits (L-P-E)
266 515	Landscape Architectural Design Studio III	3(0-6-3)
266 518	Seminar in Landscape Architecture	3(2-2-5)
	Elective	3
<b>Total</b>		<b>9</b>

## Year 2, Semester 2

Course No.	Course Title	Credits (L-P-E)
266 522	Independent Study (equivalent to)	3
<b>Total</b>		<b>3</b>

*Note:* may be completed within 1.5 years

## Course Descriptions

<b>266 500</b>	<b>Landscape Architectural Construction</b>	<b>3(2-2-5)</b>
	<i>Note: Compulsory for students with inadequate background in landscape architecture, subject to deliberation by the Program Operating Committee, as a non-credit course that shall be evaluated in terms of S or U</i>	
	Principles and techniques of landscape construction and site engineering; design exercises in land grading, drainage and irrigation, earthwork, sedimentation and erosion control, road alignment; preparation of landscape architecture construction drawings and documentation.	
<b>266 510</b>	<b>Principles and Theories in Landscape Architecture</b>	<b>3(3-0-6)</b>
	Principles and history of landscape architecture; emphasis on developments in concepts from past eras to present-day; principles and theories of landscape architecture influenced by concepts concerning physical, social, and environmental issues.	
<b>266 511</b>	<b>Landscape Ecology and Sustainable Development</b>	<b>3(3-0-6)</b>
	Principles and concepts of landscape ecology and sustainable development in landscape architecture; fundamentals of environmental concept and ecosystem; sustainable landscape design and planning.	
<b>266 512</b>	<b>Planting Design</b>	<b>3(2-2-5)</b>
	Basic botanical knowledge, classification, nomenclature, and identification of plants; planting and maintenance techniques; principles and practice of planting design.	
<b>266 513</b>	<b>Landscape Architectural Design Studio I</b>	<b>3(0-6-3)</b>
	Studio works in basic landscape architectural design and planning; design process for simple landscape architectural projects with variety of site contexts in both natural and urban settings.	
<b>266 514</b>	<b>Landscape Architectural Design Studio II</b>	<b>3(0-6-3)</b>
	<i>Prerequisite: 266 513 Landscape Architectural Design Studio I</i>	
	Studio works in advanced landscape architectural design and planning; concepts and approaches to design problems, program and site analyses, planning and design of complex projects within urban context.	
<b>266 515</b>	<b>Landscape Architectural Design Studio III</b>	<b>3(0-6-3)</b>
	<i>Prerequisite: 266 514 Landscape Architectural Design Studio II</i>	
	Studio works in more advanced landscape architectural design and planning of highly complex projects; process of approaching problems, program formation, data analysis and synthesis, planning and detailed design solutions.	



- 266 516      Advanced Landscape Architectural Construction      3(2-2-5)**  
 Advanced and innovative techniques associated with current professional practice in landscape architectural construction and engineering; emphasis on landscape construction techniques of large-scale projects and projects within complex environment; construction cost estimation.
- 266 517      Research Methodology in Landscape Architecture      3(3-0-6)**  
*Note: 1. Compulsory for Plan A1 students with inadequate background in doing research work, subject to deliberation by the Program Operating Committee, as a non-credit course that shall be evaluated in terms of S or U*  
*2. Plan A2 and Plan B students shall be evaluated in terms of grades*  
 Research methods, theory, hypothesis formulation, research design, data collection, assessment and report writing; qualitative and quantitative research methodologies.
- 266 518      Seminar in Landscape Architecture      3(2-2-5)**  
*Note: 1. Compulsory for Plan A1 students with inadequate background in landscape architecture, subject to deliberation by the Program Operating Committee, as a non-credit course that shall be evaluated in terms of S or U*  
*2. Plan A2 and Plan B students shall be evaluated in terms of grades*  
 Discussions on topics relating to landscape architecture focusing on important or controversial issues; emphasis on preparation of topics prior to class, development of systematic thinking, and exchange of opinions during seminar.
- 266 520      Thesis      equivalent to 39 credits**  
*Note: For Plan A1 students only*  
 Individual research undertaking on a student-selected topic of interest with content and complexity supervised by a thesis advisor.
- 266 521      Thesis      equivalent to 12 credits**  
*Note: For Plan A2 students only*  
 Individual research undertaking on a student-selected topic of interest supervised by a thesis advisor.
- 266 522      Independent Study      equivalent to 3 credits**  
*Note: For Plan B students only*  
 Design-oriented research on a project in landscape architecture approved by an advisor; work to be carried out through proper research process from program formation, data analysis and synthesis, to planning and detailed design solutions.

<b>266 530</b>	<b>Visual Quality Analysis and Assessment</b>	<b>3(3-0-6)</b>
	Visual quality and the application of analytical process relating to physical, cultural and social contexts; principles, theories, and techniques in visual quality analysis and assessment.	
<b>266 531</b>	<b>Urban Landscape</b>	<b>3(3-0-6)</b>
	Landscape features in urban areas, identity, landmark, and historical significance; recreational and open space systems and environmental influence on humans; techniques for landscape planning and design in urban areas to improve visual quality of urban environment.	
<b>266 532</b>	<b>Cultural Landscape</b>	<b>3(3-0-6)</b>
	Man-made landscape created by people of different cultural groups under social, economic, and environmental contexts; emphasis on study of spatial relationship between man and environment through human settlement patterns and architectural characteristics of the built environment.	
<b>266 533</b>	<b>Ecological Landscape Design and Planning</b>	<b>3(3-0-6)</b>
	Integration of ecological concepts into landscape architecture; ecological concepts; landscape structure; landscape development and change; ecological approach to landscape design and planning.	
<b>266 534</b>	<b>Regenerative Landscape Design</b>	<b>3(3-0-6)</b>
	Landscape architectural design that aims towards revitalization and renewal of environment and ecosystem; emphasis on process-oriented ecological design and integration of ecological process into landscape design and function.	
<b>266 535</b>	<b>Material and Construction Design in Landscape Architecture</b>	<b>3(2-2-5)</b>
	Physical properties, nature and limitations of materials used in landscape architecture design and construction; principles of design using appropriate materials and construction techniques for landscape architecture.	
	Field trips required.	
<b>266 536</b>	<b>Universal Design</b>	<b>3(3-0-6)</b>
	Design principles for universal design to promote equality for the disabled, the elderly, the young, and the healthy to be able to access all places within urban areas; emphasis on design principles for building and infrastructure improvements.	

- 266 537 Geographic Information System in Landscape Architecture 3(2-2-5)**  
 Practical use of basic and intermediate Geographic Information System (GIS) in landscape architecture; developing and undertaking relatively complicated landscape architecture projects using GIS.
- 266 538 Special Topic Study 3(0-6-3)**  
*Note: 1. Compulsory for Plan A1 students with inadequate background in landscape architecture, subject to deliberation by the Program Operating Committee, as a non-credit course that shall be evaluated in terms of S or U*  
*2. Plan A2 and Plan B students must receive permission from the person in charge of the course and shall be evaluated in terms of grades*  
 Topic of special interest or current issues concerning landscape architecture.