

Code : 25630041100106
 Doctor of Philosophy Program in Architecture (International Program) หลักสูตรปรับปรุง พ.ศ.2568

Name of the degree

Full : Doctor of Philosophy (Architecture)

Abbreviation : Ph.D. (Architecture)

Curriculum structure

17501111 Plan 1.1 For Student with Master Degree

Degree Requirement	48
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A. Thesis	48
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801898 ARCT 898 Doctoral Thesis	48
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B. Academic Activities

1. A student has to attend a seminar and present in English on the topic related to his/her thesis once every semester for at least 4 semesters and students have to attend seminar every semester that the course is offered until graduation or engage in international collaboration.

2. Thesis work or part of a thesis must be

2.1 published, or at least accepted to be published, in international journals at least 2 publications, one of which are listed in Scopus, IEEE, PubMed, or Web of Science and the student must be listed as the first author of at least 2 publications and the affiliation of the student in all publications must be as follows: "Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University" or

2.2 registered for a patent and was assigned a registration number for one patent, which is an innovation with a Readiness Level (TRL/PRL/SRL) of level 6 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: "Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University" or

2.3 evaluated as an innovation with a Readiness Level (TRL/PRL/SRL) of level 7 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: "Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University".

3. Students must present a thesis work, or part of a thesis work at an international academic conference accepted by the field of study for at least 1 topic.

C. Non-credit Courses

1. University requirement - a foreign language

2. Program requirement In case the student lacks some basic knowledge which is necessary for education, the student may be required to enroll some course(s) under the recommendation of the advisor and program administrative committee.

D. Qualifying examination

- 1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.
- 2. An unsuccessful examinee may take a re-examination within the following regular semester or enroll for university services.
- 3. An unsuccessful examinee will be transferred to Master’s Degree studies with the approval of the Degree Program Executive Committee.

17501121 Plan 1.2 For student with Bachelor’s Degree				72
Degree Requirement				
A. Thesis				72
801897	ARCT	897	Doctoral Thesis	72

B. Academic Activities

- 1. A student has to attend a seminar and present paper in English on the topic related to his/her thesis once every semester for at least 8 semesters and students have to attend seminar every semester that the course is offered until graduation or engage in international collaboration.
- 2. Thesis work or part of a thesis must be
 - 2.1 published, or at least accepted to be published, in international journals at least 2 publications which are listed in Scopus, IEEE, PubMed, or Web of Science and the student must be listed as the first author of at least 2 publications and the affiliation of the student in all publications must be as follows: “Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University” or
 - 2.2 registered for a patent and was assigned a registration number for one patent, which is an innovation with a Readiness Level (TRL/PRL/SRL) of level 6 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: “Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University” or
 - 2.3 evaluated as an innovation with a Readiness Level (TRL/PRL/SRL) of level 7 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: “Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University”.
- 3. Students must present a thesis work, or part of a thesis work at an international academic conference accepted by the field of study for at least 1 topic.

C. Non-credit Courses

1. University requirement - a foreign language

2. Program requirement In case the student lacks some basic knowledge which is necessary for education, the student may be required to enroll some course(s) under the recommendation of the advisor and program administrative committee.

D. Qualifying examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

2. An unsuccessful examinee may take a re-examination within the following regular semester or enroll for university services.

3. An unsuccessful examinee will be transferred to Master’s Degree studies with the approval of the Degree Program Executive Committee.

17501131 Plan 2.1 For student with Master’s Degree				48
Degree Requirement : a minimum of				
A. Coursework : a minimum of				12
1. Graduate Courses : a minimum of				12
1.1 Field of specialization : a minimum of				12
1.1.1 Required courses				12
801801	ARCT	801	Advanced Research Method	3(3-0-6)
801802	ARCT	802	Advanced Theory and Philosophy in Architecture	3(3-0-6)
801803	ARCT	803	Research Paradigms and Methods in Architecture	3(3-0-6)
801804	ARCT	804	Field Work Research Practice	3(3-0-6)
1.1.2 Elective courses				
-None-				
1.2 Other courses				
The student may enroll other graduate course under the agreement of the advisor				
2. Advanced Undergraduate Courses				
In case the student lacks some basic knowledge which is necessary for education, the student must enroll some advanced undergraduate course(s) under the recommendation of program administrative committee.				
B. Thesis				36
801899	ARCT	899	Doctoral Thesis	36
C. Non-credit Courses				
1. University requirement - a foreign language				

2. Program requirement In case the student lacks some basic knowledge which is necessary for education, the student may be required to enroll some course(s) under the recommendation of the advisor and program administrative committee.

D. Academic Activities

1. A student has to attend a seminar and present paper in English on the topic related to his/her thesis once every semester for at least 4 semesters and students have to attend seminar every semester that the course is offered until graduation or engage in international collaboration.

2. Thesis work or part of a thesis must be published, or at least accepted to be published, in international journals at least 1 publication, which is listed in Scopus, IEEE, PubMed, or Web of Science and the student must be listed as the first author and the affiliation of the student in the major publication must be as follows: “Doctor of Philosophy Program in Architecture, Faculty of Architecture (International Program), Chiang Mai University” or

3. registered for a patent and was assigned a registration number for one patent, which is an innovation with a Readiness Level (TRL/PRL/SRL) of level 6 or higher or

4. evaluated as an innovation with a Readiness Level (TRL/PRL/SRL) of level 7 or higher.

5. Students must present a thesis work, or part of a thesis work at an international academic conference accepted by the field of study for at least 1 topic.

E. Qualifying examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

2. An unsuccessful examinee may take a re-examination within the following regular semester or enroll for university services.

3. An unsuccessful examinee will be transferred to Master’s Degree studies with the approval of the Degree Program Executive Committee.

17501141 Plan 2.2 For student with Bachelor’s Degree

Degree Requirement : a minimum of				84
A. Coursework : a minimum of				36
1. Graduate Courses : a minimum of				36
1.1 Field of specialization : a minimum of				36
1.1.1 Required courses				12
801801	ARCT	801	Advanced Research Method	3(3-0-6)
801802	ARCT	802	Advanced Theory and Philosophy in Architecture	3(3-0-6)
801803	ARCT	803	Research Paradigms and Methods in Architecture	3(3-0-6)
801804	ARCT	804	Field Work Research Practice	3(3-0-6)
1.1.2 Elective courses : a minimum of				24
Student can enroll the following courses or the others which the graduate education executive committee approves.				

801805	ARCT	805	Disaster Risk Management in Architecture	3(3-0-6)
804703	ARCI	703	Inquiry for Advanced Architectural Design	2(2-0-4)
804711	ARCI	711	Advanced Graduate Design Studio in Architecture I	6(0-12-6)
804712	ARCI	712	Advanced Graduate Design Studio in Architecture 2	6(0-12-6)
804731	ARCI	731	Development of Integrated Local Wisdom and New Technology in Architecture	2(2-0-4)
804751	ARCI	751	Spatial Analysis of Vernacular Architecture	2(2-0-4)
804761	ARCI	761	Urban Morphology and Dwelling	2(2-0-4)
804762	ARCI	762	Theory of Architecture in Asia	2(2-0-4)
804771	ARCI	771	Influences and Differences of Behavioral and Environmental Factors	2(2-0-4)
804789	ARCI	789	Environmental Perception for Well-being	2(2-0-4)

1.2 Other courses

The student may enroll in other graduate courses under the advisor's agreement.

2. Advanced Undergraduate Courses

In case the student lacks some basic knowledge which is necessary for education, the student must enroll some advanced undergraduate course(s) under the recommendation of program administrative committee.

B. Thesis				48
801898	ARCT	898	Doctoral Thesis	48

C. Non-credit Courses

1. University requirement - a foreign language

2. Program requirement In case the student lacks some basic knowledge which is necessary for education, the student may be required to enroll some course(s) under the recommendation of the advisor and program administrative committee.

D. Academic Activities

1. A student has to attend a seminar and present paper in English on the topic related to his/her thesis once every semester for at least 8 semesters and students have to attend seminar every semester that the course is offered until graduation or engage in international collaboration.

2. Thesis work or part of a thesis must be

2.1 published, or at least accepted to be published, in international journals at least 2 publications, one of which are listed in Scopus, IEEE, PubMed, or Web of Science and the student must be listed as the first author of at least 2 publications and the affiliation of the student in all publications must be as follows: "Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University" or

2.2 registered for a patent and was assigned a registration number for one patent, which is an innovation with a Readiness Level (TRL/PRL/SRL) of level 6 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: "Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University" or

2.3 evaluated as an innovation with a Readiness Level (TRL/PRL/SRL) of level 7 or higher and published, or at least accepted to be published, in international journal which is listed in Scopus, IEEE, PubMed, or Web of Science that the student must be listed as the first author at least 1 publication and the affiliation of the student in the major publication must be as follows: “Doctor of Philosophy Program in Architecture (International Program), Faculty of Architecture, Chiang Mai University”.

3. Students must present a thesis work, or part of a thesis work at an international academic conference accepted by the field of study for at least 1 topic.

E. Qualifying examination

1. A student must complete a qualifying examination to evaluate his/her ability before presenting a thesis proposal.

2. An unsuccessful examinee may take re-examination within the following regular semester.

3. An unsuccessful examinee will be transferred to Master’s Degree studies with the approval of the Degree Program Executive Committee.

Study plan

17501111 Plan 1.1 For Student with Master Degree

First Year

First Semester

Enrollment for university services

Credits

-

Pass the test of foreign language

-

Qualifying examination

-

Total 0

Second Semester

801898

ARCT

898

Doctoral Thesis

Credits

12

Submit thesis proposal

-

Attend a seminar and present academic work

-

Total 12

Second Year

First Semester

801898

ARCT

898

Doctoral Thesis

Credits

12

Attend a seminar and present academic work or engage in international collaboration

-

Total 12

Second Semester

801898

ARCT

898

Doctoral Thesis

Credits

12

Attend a seminar and present academic work or engage in international collaboration

-

			Total	<u>12</u>
Third Year				
			<u>First Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	12
			Attend a seminar and present academic work	-
			Total	<u>12</u>
			<u>Second Semester</u>	Credits
			Enrollment for university services	-
			Defend Thesis	-
			Total	<u>0</u>
17501121 Plan 1.2 For student with Bachelor's Degree				
First Year				
			<u>First Semester</u>	Credits
			Enrollment for university services	-
			Pass the test of foreign language	-
			Qualifying Examination	-
			Submit thesis proposal	-
			Total	<u>0</u>
			<u>Second Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
Second Year				
			<u>First Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>9</u>
Third Year				
			<u>First Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work or engage in international collaboration	-

			Total	<u>9</u>
Fourth Year				
			<u>First Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
Fifth Year				
			<u>First Semester</u>	Credits
801897	ARCT	897	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
			Enrollment for university services	-
			Defend Thesis	-
			Total	<u>0</u>
17501131 Plan 2.1 For student with Master's Degree				
First Year				
			<u>First Semester</u>	Credits
801801	ARCT	801	Advanced Research Method	3
801802	ARCT	802	Advanced Theory and Philosophy in Architecture	3
			Pass the test of foreign language	-
			Qualifying Examination	-
			Total	<u>6</u>
			<u>Second Semester</u>	Credits
801803	ARCT	803	Research Paradigms and Methods in Architecture	3
801804	ARCT	804	Field Work Research Practice	3
801899	ARCT	899	Doctoral Thesis	3
			Attend a seminar and present academic work	-
			Total	<u>9</u>
Second Year				
			<u>First Semester</u>	Credits
801899	ARCT	899	Doctoral Thesis	12
			Attend a seminar and present academic work or engage in international collaboration	-

			Total	<u>12</u>
				Credits
801899	ARCT	899	<u>Second Semester</u> Doctoral Thesis	12
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>12</u>

Third Year

			<u>First Semester</u>	Credits
801899	ARCT	899	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
			Enrollment for university services	-
			Defend Thesis	-
			Total	<u>0</u>

17501141 Plan 2.2 For student with Bachelor's Degree

First Year

			<u>First Semester</u>	Credits
801801	ARCT	801	Advanced Research Method	3
801802	ARCT	802	Advanced Theory and Philosophy in Architecture	3
			Elective course	6
			Pass the test of foreign language	-
			Total	<u>12</u>
			<u>Second Semester</u>	Credits
801803	ARCT	803	Research Paradigms and Methods in Architecture	3
801804	ARCT	804	Field Work Research Practice	3
			Elective course	6
			Attend a seminar and present academic work	-
			Qualifying Examination	-
			Total	<u>12</u>

Second Year

			<u>First Semester</u>	Credits
			Elective course	2
			Elective course	2
			Elective course	2
801898	ARCT	898	Doctoral Thesis	6
			Attend a seminar and present academic work	-
			Total	<u>12</u>
			<u>Second Semester</u>	Credits
			Elective course	2
			Elective course	2

			Elective course	2
801898	ARCT	898	Doctoral Thesis	6
			Attend a seminar and present academic work	-
			Total	<u>12</u>
Third Year				
			<u>First Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	6
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>6</u>
			<u>Second Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	6
			Attend a seminar and present academic work or engage in international collaboration	-
			Total	<u>6</u>
Fourth Year				
			<u>First Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	6
			Attend a seminar and present academic work	-
			Total	<u>6</u>
			<u>Second Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
Fifth Year				
			<u>First Semester</u>	Credits
801898	ARCT	898	Doctoral Thesis	9
			Attend a seminar and present academic work	-
			Total	<u>9</u>
			<u>Second Semester</u>	Credits
			Enrollment for university services	-
			Defend Thesis	-
			Total	<u>0</u>