

Code : 25380041100333
Bachelor of Architecture Program (2560)

Name of the degree

Full : Bachelor of Architecture

Abbreviation : B.Arch.

Curriculum structure

1. General Education				30
1.1 Learner Person				18
1.1.1 Required Courses				15
001101	ENGL	101	Fundamental English 1	3(3-0-6)
001102	ENGL	102	Fundamental English 2	3(3-0-6)
001201	ENGL	201	Critical Reading and Effective Writing	3(3-0-6)
001202	ENGL	202	English in Professional Contexts	3(3-0-6)
And choose one course from the following Digital Literacy courses:				
204100	CS	100	Information Technology and Modern Life	3(3-0-6)
261111	CPE	111	Internet and Online Community	3(3-0-6)
953111	SE	111	Software for Everyday Life	3(3-0-6)
1.1.2 Elective Courses				3
Choose one course from the followings:				
009103	LS	103	Information Literacy and Information Presentation	3(3-0-6)
154130	GEO	130	Geo-Information in Daily Life	3(3-0-6)
1.2 Innovative Co-creator				3
Select one course from the followings.				
050103	HUGE	103	Thai Society and Culture	3(3-0-6)
205105	GEOL	105	Earth Science and Civilization	3(3-0-6)
176100	LAGE	100	Law and Modern World	3(3-0-6)
751100	ECON	100	Economics for Everyday Life	3(3-0-6)
207109	PHYS	109	Life and the Universe	3(3-0-6)
208101	STAT	101	Statistics for Everyday Life and Work	3(2-2-5)
1.3 Active Citizen				9
1.3.1 Required Courses				3
140104	PG	104	Citizenship	3(3-0-6)
1.3.2 Elective Courses				6
Choose two courses from the followings:				
109114	FAGE	114	Art in Everyday Life	3(3-0-6)
127100	GOV	100	Politics in Everyday Life	3(3-0-6)
128100	PA	100	Basic Good Governance in Administration	3(3-0-6)
602102	BIOT	102	Life and Alternative Energy	3(3-0-6)

2. Field of Specialization : a minimum of					128
2.1 Core Courses					37
206191	MATH	191	Mathematics for Social Sciences 1	3(3-0-6)	
207183	PHYS	183	PHYSICS FOR ARCHITECTURAL STUDENTS	3(3-0-6)	
801113	ARCT	113	Fundamental Architectural Design 1	5(1-8-6)	
801114	ARCT	114	Fundamental Architectural Design 2	5(1-8-6)	
801122	ARCT	122	History, Theory and Philosophy in Architecture 1	3(3-0-6)	
801225	ARCT	225	History of Architecture and Related Arts	3(3-0-6)	
801233	ARCT	233	Basic Materials and Construction	3(2-2-5)	
801235	ARCT	235	Architectural Structure 1	3(3-0-6)	
801241	ARCT	241	Architectural Site Study and Survey	3(2-3-4)	
801324	ARCT	324	History, Theory and Philosophy in Architecture 2	3(3-0-6)	
801382	ARCT	382	Feasibility Study of Architectural Project	3(3-0-6)	
2.2 Major : a minimum of					91
2.2.1 Major Required Courses					85
801134	ARCT	134	Architectural Construction Drawing	3(2-2-5)	
801201	ARCT	201	Computer Aided Architectural Design	3(2-2-5)	
801211	ARCT	211	Architectural Design 1	5(1-8-6)	
801212	ARCT	212	Architectural Design 2	5(1-8-6)	
801236	ARCT	236	Architectural Structure 2	3(3-0-6)	
801311	ARCT	311	Architectural Design 3	5(1-8-6)	
801312	ARCT	312	Architectural Design 4	5(1-8-6)	
801331	ARCT	331	Materials and Construction	3(1-4-4)	
801333	ARCT	333	Building and Energy Systems 1	3(2-2-5)	
801334	ARCT	334	Architectural Detail Design	3(2-2-5)	
801335	ARCT	335	Building and Energy Systems 2	3(2-2-5)	
801336	ARCT	336	Architectural Structure 3	3(3-0-6)	
801361	ARCT	361	Thai Contemporary Architecture	3(3-0-6)	
801372	ARCT	372	Site Planning for Architecture	3(2-2-5)	
801411	ARCT	411	Architectural Design 5	5(1-8-6)	
801421	ARCT	421	Theory and Philosophy in Design	3(3-0-6)	
801452	ARCT	452	Interior Architecture	3(2-3-4)	
801471	ARCT	471	Principles of Urban Planning and Design	3(2-2-5)	
801481	ARCT	481	Theory in Professional Practice	3(3-0-6)	
801591	ARCT	591	Pre-Thesis Studio	3	
801599	ARCT	599	Thesis	9	
Can choose one option from the followings.					
Option 1 Architectural Internship					
801483	ARCT	483	Architectural Internship	3(0-15-0)	
801414	ARCT	414	Selected Topics in Architectural Design	3(0-6-3)	
Option 2 Cooperative Education					
801484	ARCT	484	Cooperative Education	6(0-30-0)	
2.2.2 Major Electives : a minimum of					6
801302	ARCT	302	Human Behavior and Environmental Design	3(3-0-6)	
801322	ARCT	322	History and Theory of Asian Architecture and Cities	3(3-0-6)	

801325	ARCT	325	Theories and Criticisms of Architecture in the 21st Century	3(3-0-6)
801337	ARCT	337	Tropical Building Integration	3(1-4-4)
801338	ARCT	338	Tropical Wisdom in Architecture	3(1-4-4)
801341	ARCT	341	Applied Landscape Architecture	3(1-4-4)
801451	ARCT	451	Corporate Interior Architecture	3(2-2-5)
801363	ARCT	363	Theory and Philosophy in Lanna Architecture	3(3-0-6)
801371	ARCT	371	Housing	3(3-0-6)
801381	ARCT	381	Architectural Construction Internship	3(0-18-0)
801401	ARCT	401	Conservation in Architecture and Community	3(2-2-5)
801402	ARCT	402	Architectural Building Information Modeling	3(1-4-4)
801482	ARCT	482	Building Law and Management	3(3-0-6)
801494	ARCT	494	Independent Study in Architecture	3

2.3 Minor

3. Free Electives : a minimum of **6**

4. Professional Experience

Total : a minimum of **164**

Remark: have prepared the readiness of Cooperative Education for 30 hours

Study plan

First Year

				Credits
<u>First Semester</u>				
001101	ENGL	101	Fundamental English 1	3(3-0-6)
207183	PHYS	183	Physics for Architectural Students	3(3-0-6)
801113	ARCT	113	Fundamental Architectural Design 1	5(1-8-6)
GE : Learner Person (Digital Literacy)				3
GE : Learner Person (Elective)				3
GE : Active Citizen (Elective)				3
Total				<u>20</u>

<u>Second Semester</u>				Credits
001102	ENGL	102	Fundamental English 2	3(3-0-6)
801114	ARCT	114	Fundamental Architectural Design 2	5(1-8-6)
801122	ARCT	122	History, Theory and Philosophy in Architecture 1	3(3-0-6)
801134	ARCT	134	Architectural Construction Drawing	3(2-2-5)
206191	MATH	191	Mathematics for Social Sciences 1	3(3-0-6)
140104	PG	104	Citizenship	3(3-0-6)
Total				<u>20</u>

Second Year

<u>First Semester</u>				Credits
001201	ENGL	201	Critical Reading and Effective Writing	3(3-0-6)
801201	ARCT	201	Computer Aided Architectural Design	3(2-2-5)
801211	ARCT	211	Architectural Design 1	5(1-8-6)
801225	ARCT	225	History of Architecture and Related Arts	3(3-0-6)
801235	ARCT	235	Architectural Structure 1	3(3-0-6)

			GE : Innovative Co-creator	3
				Total <u>20</u>
			<u>Second Semester</u>	Credits
001202	ENGL	202	English in Professional Contexts	3(3-0-6)
801212	ARCT	212	Architectural Design 2	5(1-8-6)
801233	ARCT	233	Basic Materials and Construction	3(2-2-5)
801236	ARCT	236	Architectural Structure 2	3(3-0-6)
801241	ARCT	241	Architectural Site Study and Survey	3(2-3-4)
			GE : Active Citizen (Elective)	3
				Total <u>20</u>
Third Year				
			<u>First Semester</u>	Credits
801311	ARCT	311	Architectural Design 3	5(1-8-6)
801324	ARCT	324	History, Theory and Philosophy in Architecture 2	3(3-0-6)
801331	ARCT	331	Materials and Construction	3(1-4-4)
801333	ARCT	333	Building and Energy Systems 1	3(2-2-5)
801336	ARCT	336	Architectural Structure 3	3(3-0-6)
801382	ARCT	382	Feasibility Study of Architectural Project	3(3-0-6)
				Total <u>20</u>
			<u>Second Semester</u>	Credits
801312	ARCT	312	Architectural Design 4	5(1-8-6)
801334	ARCT	334	Architectural Detail Design	3(2-2-5)
801335	ARCT	335	Building and Energy Systems 2	3(2-2-5)
801361	ARCT	361	Thai Contemporary Architecture	3(3-0-6)
801372	ARCT	372	Site Planning for Architecture	3(2-2-5)
			Major Elective	3
				Total <u>20</u>
Option 1				
Fourth Year				
			<u>First Semester</u>	Credits
801411	ARCT	411	Architectural Design 5	5(1-8-6)
801421	ARCT	421	Theory and Philosophy in Design	3(3-0-6)
801452	ARCT	452	Interior Architecture	3(2-3-4)
801471	ARCT	471	Principles of Urban Planning and Design	3(2-2-5)
801481	ARCT	481	Theory in Professional Practice	3(3-0-6)
				Total <u>17</u>
			<u>Second Semester</u>	Credits
801414	ARCT	414	Selected Topics in Architectural Design	3(0-6-3)
801483	ARCT	483	Architectural Internship	3(0-15-0)
			Major Elective	3

Total 9

Option 2

Fourth Year

First Semester

801411	ARCT	411	Architectural Design 5	Credits 5(1-8-6)
801421	ARCT	421	Theory and Philosophy in Design	3(3-0-6)
801452	ARCT	452	Interior Architecture	3(2-3-4)
801471	ARCT	471	Principles of Urban Planning and Design	3(2-2-5)
801481	ARCT	481	Theory in Professional Practice	3(3-0-6)
			Major Elective	3

Total 20

Second Semester

801484	ARCT	484	Cooperative Education	Credits 6(0-30-0)
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Total 6

Fifth Year

First Semester

801591	ARCT	591	Pre-Thesis Studio	Credits 3
			Free Electives	6

Total 9

Second Semester

801599	ARCT	599	Thesis	Credits 9
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Total 9
