

Code : 25380041100333
Bachelor of Architecture Program (2566)

Name of the degree

Full : Bachelor of Architecture
Abbreviation : B.Arch.

Curriculum structure

(1) General Education				30
A. Learner Person				18
1.1 Required course				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)
1.2 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)
B. Innovative Co-creator				3
Select 1 course from the followings :				
004170	HIST	170	Thai Society and Culture	3(3-0-6)
176100	LAGE	100	Law and Modern World	3(3-0-6)
205105	GEOL	105	Earth Science and Civilization	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)
751100	ECON	100	Economics for Everyday Life	3(3-0-6)
C. Active Citizen				9
3.1 Required Courses				3
140104	PG	104	Citizenship	3(3-0-6)
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					40
206191	MATH	191	General Mathematics for Social Science		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)
801134	ARCT	134	Architectural Construction Drawing		3(2-2-5)
801225	ARCT	225	History of Architecture and Related Arts		3(3-0-6)
801235	ARCT	235	Architectural Structure 1		3(3-0-6)
801236	ARCT	236	Architectural Structure 2		3(3-0-6)
801272	ARCT	272	Site and Context Analysis for Architecture Design		3(2-2-5)
801333	ARCT	333	Building and Energy Systems 1		3(3-0-6)
801481	ARCT	481	Theory in Professional Practice		3(3-0-6)
2.2 Major : a minimum of					88
2.2.1 Required Major course					82
801211	ARCT	211	Architectural Design 1		5(1-8-6)
801212	ARCT	212	Architectural Design 2		5(1-8-6)
801232	ARCT	232	Materials and Construction 1		3(2-2-5)
801233	ARCT	233	Materials and Construction 2		3(2-2-5)
801304	ARCT	304	Computer Aided Architectural Design		3(2-2-5)
801305	ARCT	305	Building Information Modeling for Architectural Design		3(1-4-4)
801311	ARCT	311	Architectural Design 3		5(1-8-6)
801312	ARCT	312	Architectural Design 4		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		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)
801403	ARCT	403	Metaverse Architecture		3(1-4-4)
801411	ARCT	411	Architectural Design 5		5(1-8-6)
801421	ARCT	421	Theory and Philosophy in Design		3(3-0-6)
801471	ARCT	471	Principles of Urban Planning and Design		3(2-2-5)
801591	ARCT	591	Pre-Thesis Studio		3
801599	ARCT	599	Thesis		9
Choose one option from the followings.					
Option 1 Cooperative Education					6
801484	ARCT	484	Cooperative Education		
Option 2 Architectural Internship					3(0-15-0)
801483	ARCT	483	Architectural Internship		
801414	ARCT	414	Selected Topics in Architectural Design		3(0-6-3)
2.2.2 Major Electives : a minimum of					6
801302	ARCT	302	Human Behavior and Environmental Design		3(3-0-6)
801306	ARCT	306	Digital Surveying for Architecture		3(2-2-5)

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)
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)
801382	ARCT	382	Feasibility Study of Architectural Project	3(3-0-6)
801402	ARCT	402	Architectural Building Information Modeling	3(1-4-4)
801452	ARCT	452	Interior Architecture	3(2-3-4)
801482	ARCT	482	Building Law and Management	3(3-0-6)

2.3 Minor (If any) : a minimum of **15**

Students who intend to study in Minor course, can select the course from Chiang Mai University's notice in the topic of minor course for Chiang Mai University students, more than 15 credits with the approval of advisors, this minor course will increase the total credits of curriculum not less than 15 credits.

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

Total : a minimum of **164**

Remark : Students prepare for cooperative education at least 30 hours

Study plan

First Year

<u>First Semester</u>				Credits
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)
Development group of Learner person skills (Digital Literacy)				3
Development group of Innovative Co-creator skills (Elective)				3
Development group of Active Citizen (Elective)				3
Total				<u>20</u>

<u>Second Semester</u>				Credits
001102	ENGL	102	Fundamental English 2	3(3-0-6)
206191	MATH	191	General Mathematics for Social Science	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)
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)
801211	ARCT	211	Architectural Design 1	5(1-8-6)
801232	ARCT	232	Materials and Construction 1	3(2-2-5)

801235	ARCT	235	Architectural Structure 1	3(3-0-6)
			Development group of Learner person skills (Elective)	3
			Development group of Active Citizen (Elective)	3
				Total <u>20</u>
				Credits
001202	ENGL	202	<u>Second Semester</u> English in Professional Contexts	3(3-0-6)
801212	ARCT	212	Architectural Design 2	5(1-8-6)
801225	ARCT	225	History of Architecture and Related Arts	3(3-0-6)
801233	ARCT	233	Materials and Construction 2	3(2-2-5)
801236	ARCT	236	Architectural Structure 2	3(3-0-6)
801272	ARCT	272	Site and Context Analysis for Architecture Design	3(2-2-5)
				Total <u>20</u>
Third Year				
				Credits
801304	ARCT	304	<u>First Semester</u> Computer Aided Architectural Design	3(2-2-5)
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	3(2-2-5)
801333	ARCT	333	Building and Energy Systems 1	3(3-0-6)
801336	ARCT	336	Architectural Structure 3	3(3-0-6)
				Total <u>20</u>
				Credits
801312	ARCT	312	<u>Second Semester</u> Architectural Design 4	5(1-8-6)
801305	ARCT	305	Building Information Modeling for Architectural Design	3(1-4-4)
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)
			Major Elective	3
				Total <u>20</u>
Fourth Year				
				Credits
801411	ARCT	411	<u>First Semester</u> Architectural Design 5	5(1-8-6)
801421	ARCT	421	Theory and Philosophy in Design	3(3-0-6)
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>14</u>
Option 1 Cooperative Education				
Fourth Year				
				Credits
801484	ARCT	484	<u>Second Semester</u> Cooperative Education	6

Option 2 Architectural Internship

Fourth Year

<u>Second Semester</u>				Credits
801403	ARCT	403	Metaverse Architecture	3(1-4-4)
801591	ARCT	591	Pre-Thesis Studio	3
Free Electives				3
Total				9
