

Bachelor of Architecture Program (B. Arch.)				
Major : Architecture				
2012 Curriculum				
First year				
First Semester				
GE	1403	Communication in Thai	3	credits
GE	1401	Language and Communication Skills	3	credits
BG	1001	English I	3	credits
GS	1004	Arts of Delineation	3	credits
GS	1008	Applied Mathematics	3	credits
AR	1102	Visual Studies and Communication	3	credits
AR	1106	Architectural Drawing	3	credits
Total			18	credits
First year				
Second Semester				
BG	1002	English II	3	credits
MGT	1101	Introduction to Business	3	credits
GS	1005	Graphic Presentation	3	credits
GE	1301	Environmental Science	3	credits
AR	1104	Fundamental of Architectural Design	3	credits
AR	1107	Introduction to Creative Culture	3	credits
Total			18	credits
Second year				
First Semester				
BG	2000	English III	3	credits
AR	2106	History of Architecture I	3	credits
AR	2109	Building Technology and Construction I	3	credits
AR	2202	Architectural Design I	6	credits
AR	2306	Structural Mechanics	3	credits
Total			18	credits
Second year				
Second Semester				
BG	2001	English IV	3	credits
AR	2110	Building Technology and Construction II	3	credits
AR	2204	Architectural Design II	6	credits
AR	2304	Structural Design	3	credits
AR	2305	History of Architecture II	3	credits
Total			18	credits
Third year				
First Semester				
AR	3101	Introduction to Computer – Aided Design	3	credits
AR	3106	Building Environmental Control I	3	credits
AR	3203	Architectural Design III	6	credits
AR	3307	Building Technology and Construction III	3	credits
AR	3309	Architectural Design Methods	3	credits
Total			18	credits
Third year				
Second Semester				
AR	3107	Building Environmental Control II	3	credits
AR	3200	Theory and Concept in Architecture	3	credits
AR	3207	Architectural Design IV	6	credits
AR	3308	Building Technology and Construction IV	3	credits
AR	3310	Fundamentals of Site and Landscape Planning	3	credits
Total			18	credits
Fourth year				
First Semester				
AR	4101	History of Thai Architecture	3	credits
AR	4203	Architectural Design V	6	credits
AR	4301	Fundamentals of Urban and Regional Planning	3	credits
AR	4302	Seminar in Architecture	3	credits
Total			15	credits
Fourth year				
Second Semester				
AR	4106	Methods of Research and Data Processing	3	credits
AR	4205	Architectural Design VI	6	credits
AR	4303	Practice in Architecture	-	credits
-----		Free Elective I	3	credits
-----		Major Elective I	3	credits
Total			15	credits
Fifth year				
First Semester				
AR	5200	Pre-Thesis in Architecture	3	credits
AR	5203	Architectural Design VII	6	credits
-----		Free Elective II	3	credits
-----		Major Elective II	3	credits
Total			15	credits
Fifth year				
Second Semester				
AR	5205	Thesis in Architecture	9	credits
AR	5300	Professional Ethics and Practices	3	credits
Total			12	credits
Total			165	credits

Minimum Grade Requirements and Pre-Requisite Courses for 2012 Curriculum

No.	Course	Course Title	Minimum Grade Requirement	Pre-requisite	Credits (Lecture – Studio)
1.	GE 1403 or	General Education Courses 30 Credits Communication in Thai	D		3 (3 – 0 – 6)
	GE 1401	Language and Communication Skills (Required course for international students)	D		3 (3 – 0 – 6)
2.	BG 1001	English I	C		3 (3 – 3 – 7)
3.	BG 1002	English II	C	Pre BG1001	3 (3 – 3 – 7)
4.	BG 2000	English III	C	Pre BG1002	3 (3 – 3 – 7)
5.	BG 2001	English IV	C	Pre BG2000	3 (3 – 3 – 7)
6.	MGT 1101	Introduction to Business	D		3 (3 – 0 – 6)
7.	GS1004	Arts of Delineation	D	None	3 (2 – 2 – 5)
8.	GS1005	Graphic Presentation	D	None	3 (2 – 2 – 5)
9.	GS1008	Applied Mathematics	D	None	3 (3 – 0 – 6)
10.	GE1301	Environmental Science	D	None	3 (3 – 0 – 6)
1.	AR 1102	Core Courses 36 Credits Visual Studies and Communication	D	None	3 (2 – 2 – 5)
2.	AR 1104	Fundamental of Architectural Design	D	None	3 (2 – 2 – 5)
3.	AR 1106	Architectural Drawing	D	None	3 (2 – 2 – 5)
4.	AR 1107	Introduction to Creative Culture	D	None	3 (3 – 0 – 6)
5.	AR 2106	History of Architecture I	D	None	3 (3 – 0 – 6)
6.	AR 2109	Building Technology and Construction I	D	None	3 (2 – 2 – 5)
7.	AR 2110	Building Technology and Construction II	D	Pre AR 2109	3 (2 – 2 – 5)
8.	AR 3101	Introduction to Computer – Aided Design	D	None	3 (2 – 2 – 5)
9.	AR 3106	Building Environmental Control I	D	None	3 (3 – 0 – 6)
10.	AR 3107	Building Environmental Control II	D	Pre AR 3106	3 (3 – 0 – 6)
11.	AR 4101	History of Thai Architecture	D	None	3 (3 – 0 – 6)
12.	AR 4106	Methods of Research and Data Processing	D	None	3 (3 – 0 – 6)
1.	AR 2202	Major Courses 57 Credits Architectural Design I	C	Pre AR 1104	6 (2 – 8 – 8)
2.	AR 2204	Architectural Design II	C	Pre AR 2202	6 (2 – 8 – 8)
3.	AR 3200	Theory and Concept in Architecture	C	None	3 (3 – 0 – 6)
4.	AR 3203	Architectural Design III	C	Pre AR 2204	6 (2 – 8 – 8)
5.	AR 3207	Architectural Design IV	C	Pre AR 3203	6 (2 – 8 – 8)
6.	AR 4203	Architectural Design V	C	Pre AR 3207	6 (2 – 8 – 8)
7.	AR 4205	Architectural Design VI	C	Pre AR 4203	6 (2 – 8 – 8)
8.	AR 5200	Pre-Thesis in Architecture	C	Pre AR 5203	3 (0 – 6 – 3)
9.	AR 5203	Architectural Design VII	C	Pre AR 4205	6 (2 – 8 – 8)
10.	AR 5205	Thesis in Architecture	C	Pre AR 5200	9 (0 – 18 – 9)
1.	AR 2306	Minor Courses 30 Credits Structural Mechanics	D		3 (3 – 0 – 6)
2.	AR 2304	Structural Design	D		3 (3 – 0 – 6)
3.	AR 2305	History of Architecture II	D	Pre AR 2106	3 (3 – 0 – 6)
4.	AR 3307	Building Technology and Construction III	D	Pre AR 2110	3 (2 – 2 – 5)
5.	AR 3308	Building Technology and Construction IV	D	Pre AR 3307	3 (2 – 2 – 5)
6.	AR 3309	Architectural Design Methods	D	None	3 (3 – 0 – 6)
7.	AR 3310	Fundamentals of Site and Landscape Planning	D	None	3 (2 – 2 – 5)
8.	AR 4301	Fundamentals of Urban and Regional Planning	D	None	3 (2 – 2 – 5)
9.	AR 4302	Seminar in Architecture	D	None	3 (3 – 0 – 6)
10.	AR 4303	Practicum in Architecture	S	None	(non-credit)
11.	AR 5300	Professional Ethics and Practices	D	None	3 (3 – 0 – 6)
1.		Elective Courses 12 Credits *Major Elective Courses 6 Credits Major Elective I	D	None	3 (- - -)
2.		Major Elective II	D	None	3 (- - -)
1.		**Free Elective Courses 6 Credits Free Elective I			3 (- - -)
2.		Free Elective II			3 (- - -)

*Major Elective Courses

AR 5401	Building Cost Estimation and Control	3 (3 – 0 – 6)
AR 5402	Fundamentals of Architecture and Urban Conservation	3 (3 – 0 – 6)
AR 5403	Advanced Computer - Aided Design	3 (2 – 2 – 5)
AR 5404	Construction Management	3 (1 – 4 – 4)
AR 5405	Individual Study in Architecture	3 (3 – 0 – 6)
AR 5407	Real Estate Development	3 (3 – 0 – 6)
AR 5409	Architectural Psychology	3 (3 – 0 – 6)
AR 5410	Thai Architecture	3 (2 – 2 – 5)
AR 5413	Project Management	3 (3 – 0 – 6)
AR 5414	Energy Saving	3 (3 – 0 – 6)
AR 5415	Interactive Features Design	3 (2 – 2 – 5)
AR 5416	Façade Design in Architecture	3 (2 – 2 – 5)
AR 5417	Interior Design by Architects	3 (2 – 2 – 5)
AR 5418	Introduction to Exhibition Design	3 (2 – 2 – 5)
AR 5419	Special Topics in History, Theory and Technology in Architecture	3 (3 – 0 – 6)
AR 5420	Lighting, Perception and Culture	3 (3 – 0 – 6)

**Free Elective Courses

Students can take free elective courses of 6 credits from any faculty in Assumption University upon completion of the prerequisites (if any).