

2012 Undergraduate Curriculum for Architecture (I)

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters																		Responsible Unit
				Total Hrs	Lec	Lab	Prac-tice	Recita-tion	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8	VIII	9	IX	10
									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	3 W	19 W	0 W	16 W
0004311	Ethical Conduct and Fundamentals of Law	Exam	3	48	32		16		3																		School of Marxism
0000011	Physical Education-1	General Assessment	1	32	32				1																		Department of Physical Education
0000007	College English (Band One)	Exam	4	64	64				4																		College of Foreign Languages
0004807	Calculus (Liberal Arts)-1	Exam	3	54	40			14	3																		College of Applied Sciences
0004312	Modern Chinese History	Exam	2	32	32						2																School of Marxism
0000012	Physical Education -2	General Assessment	1	32	32						1																Department of Physical Education
0000008	College English (Band Two)	Exam	4	64	64						4																College of Foreign Languages
0004808	Calculus (Liberal Arts)-2	Exam	2.5	46	32			14			2.5																College of Applied Sciences
0004361	Introduction to Philosophy	Exam	3	48	48								3														School of Marxism
0000013	Physical Education-3	General Assessment	1	32	32								1														Department of Physical Education
0000009	College English (Band Three)	Exam	4	64	64								4														College of Foreign Languages
0002784	Fundamentals of National Defense	General Assessment	2	32	32							2															Students' Affairs Office
0006457	Fundamentals of Chinese Sociology	Exam	4	64	48		16								4												School of Marxism
0000010	College English (Band Four)	Exam	4	64	64										4												School of Marxism
0009600	Physical Education -4	General Assessment	1	32	32										1												Department of Physical Education
University Requirements		Sub-total	39.5	708	648		32	28	11		9.5	2	8		9												
0007082	Freshmen Seminar Course	General Assessment	1	16	12		4		1																		College of Architecture and Urban Planning
0007114	Sketch-1	General Assessment	3	48	6			42	3																		College of Architecture and Urban Planning
0004454	Architectural Drawing and Expression	General Assessment	2	32	32				2																		College of Architecture and Urban Planning
0004775	Architectural Design (Preliminary) I - 1	General Assessment	7.5	120	30	8		82	7.5																		College of Architecture and Urban Planning
0007499	Introduction to Architectural Design	General Assessment	1	16	16						1																College of Architecture and Urban Planning
0002417	Introduction to Building Technology	General Assessment	1	16	16						1																College of Architecture and Urban Planning

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									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W		16 W
0007501	Building Physics Lab-1	General Assessment	1	24			24					1															College of Architecture and Urban Planning	
0007504	Computer Aided Design & Practice-1	General Assessment	1	30			30					1															College of Architecture and Urban Planning	
0007069	Social Practices	General Assessment	2	48			48								2												School of Marxism	
0007782	Ancient Building Survey	General Assessment	1.5	45			45								1.5												College of Architecture and Urban Planning	
0007734	Art Fieldwork	General Assessment	3	90			90								3												College of Architecture and Urban Planning	
0007505	Tectonic Design -1	General Assessment	1	30	4		26									1											College of Architecture and Urban Planning	
0007506	Architectural Design III-1 Design Week	General Assessment	1	30			30									1											College of Architecture and Urban Planning	
0007502	Building Physics Lab-2	General Assessment	1	24			24											1									College of Architecture and Urban Planning	
0007507	Architectural Design III-2 Design Week	General Assessment	1	30			30											1									College of Architecture and Urban Planning	
0007508	Classical Garden and City Cognition Fieldwork	General Assessment	1.5	45			45												1.5								College of Architecture and Urban Planning	
0007509	Architectural Business Trainee	General Assessment	1	30			30												1								College of Architecture and Urban Planning	
0007503	Building Physics Lab-3	General Assessment	1	24			24													1							College of Architecture and Urban Planning	
0007510	Urban Design Week	General Assessment	1	30			30													1							College of Architecture and Urban Planning	
0007511	Architectural Design IV-2 Design Week	General Assessment	1	30			30															1					College of Architecture and Urban Planning	
0006043	Architectural Fast Design Training Week	General Assessment	1	30			30																1				College of Architecture and Urban Planning	
0007512	Building Disaster Mitigation and Prevention Topic	General Assessment	1	30			30																1				College of Architecture and Urban Planning	
0007513	Architect Business Practice (including construction site practice)	General Assessment	16	480			480																	16			College of Architecture and Urban Planning	
0006907	Senior Project	General Assessment	16	480			480																			16	College of Architecture and Urban Planning	
Practical Requirements		Sub-total	55	1620	4		1616		2			1	2			6.5	2		2	2.5	2		1	2	16		16	
Discipline Electives			14	224	224						1		1.5		1.5		2		1		2.5		2.5	1	1			
Major Requirements			14	224	224							1		1		2		5		1		4						
Major Electives			6.5	104	104															0.5		6						
GEESEM:EM			6	96	96											2		2						2				
General Education Electives			12	192	192							2				2		3				3		2				

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									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	3 W	19 W	0 W		16 W
Electives		Sub-total	52.5	840	840						1		4.5		2.5		8		11		4		16	1	5			
Total for Theoretical Instruction			183	3020	2124	8	36	852	24.5		23	2	23.5		24.5		22.5		19		16.5		22	1	5			
Total for Practical Instruction			55	1620	4		1616		2			1	2			6.5	2		2	2.5	2		1	2	16		16	
Innovation Requirements		Sub-total	4	96			96										1				1		1		1			
Total			242	4736	2128	8	1748	852	26.5		23	3	25.5		24.5	6.5	25.5		21	2.5	19.5		24	3	22		16	

Notation: GEESEM:EM is the abbreviation for General Education Electives for Science and Engineering Majors: Economics and Management.

2012 Undergraduate Curriculum for Architecture (II)

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters																				Responsible Unit
				Total Hrs	Lec	Lab	Prac- tice	Recita- tion	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8	VIII	9	IX	10		
									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	3 W	19 W	0 W	16 W		
0004552	Introduction to Ecologic and Sustainable Architecture	General Assessment	1	16	16						1																	College of Architecture and Urban Planning	
0007514	Principles of Architectural Composition and Its Design -1	General Assessment	1.5	24	8			16					1.5															College of Architecture and Urban Planning	
0007515	Principles of Architectural Composition and Its Design -2	General Assessment	1.5	24	8			16							1.5													College of Architecture and Urban Planning	
0004548	Architectural Environment Psychology	General Assessment	1	16	16												1											College of Architecture and Urban Planning	
0007516	Building Codes -1	General Assessment	1	16	16												1											College of Architecture and Urban Planning	
0007517	Building Tectonics -2	General Assessment	1	16	4			12										1										College of Architecture and Urban Planning	
0004558	Building Economics and Management	General Assessment	1	16	16													1										College of Architecture and Civil Engineering	
0007518	History of Landscape Architecture	General Assessment	1	16	16													1										College of Architecture and Urban Planning	
0007519	Site Design	General Assessment	2.5	40	16			24										2.5										College of Architecture and Urban Planning	
0007520	Building Codes -2	General Assessment	1	16	16															1								College of Architecture and Urban Planning	
0007521	Principles of Residential Building Design	General Assessment	1.5	24	24															1.5								College of Architecture and Urban Planning	
0007522	Indoor Environmental Design and Principles	General Assessment	2.5	40	16			24														2.5						College of Architecture and Urban Planning	
0007523	The Vocational Education of Architects-1	General Assessment	1	16	16																		1					College of Architecture and Urban Planning	
0007524	The Vocational Education of Architects-2	General Assessment	1	16	16																			1				College of Architecture and Urban Planning	
Discipline Electives		Sub-total	18.5	296	204			92																					
0007564	Construction Techniques	General Assessment	2	32	4			28					2															College of Architecture and Urban Planning	
0006023	Building Mechanics I-1	General Assessment	2	32	32								2															College of Architecture and Urban Planning	
0004539	Building Mechanics I-2	General Assessment	3	48	48										3													College of Architecture and Civil Engineering	
0007525	Computer Aided Design-2	General Assessment	2	32	32												2											College of Architecture and Urban Planning	
0004546	Building Structure and Selection -1	General Assessment	3	48	48												3											College of Architecture and Urban Planning	
0007526	Building Materials	General Assessment	1	16	16																	1						College of Architecture and Urban Planning	
0007527	Computer Aided Design-3	General Assessment	2	32	24			8										2										College of Architecture and Urban Planning	

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									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W	3 W	19 W	0 W		16 W
0004550	Building Structure Design	General Assessment	1	16	16																1							College of Architecture and Urban Planning
0004466	Introduction to Urban Design	General Assessment	1	16	16														1									College of Architecture and Urban Planning
0007528	Contemporary Architectural Thought (Self-learning)	General Assessment	1	16	16																	1						College of Architecture and Urban Planning
0004547	Building Structure and Selection -2	Exam	2	32	32														2									College of Architecture and Urban Planning
0007835	Building Tectonics-2	General Assessment	2	32	32														2									College of Architecture and Urban Planning
0007536	Principles of Urban Planning -2	General Assessment	2	32	32																	2						College of Architecture and Urban Planning
0007529	Urban Architecture Reading（Self-learning）	General Assessment	1	16	16													1										College of Architecture and Urban Planning
Major Requirements		Sub-total	25	400	364			36																				
0007569	Photography	General Assessment	1	16	16												1											College of Architecture and Urban Planning
0007530	Construction History of Chinese and Foreign Cities	General Assessment	3	48	32			16												3								College of Architecture and Urban Planning
0007567	Urban Landscape Design-2	General Assessment	2	32	4			28										2										College of Architecture and Urban Planning
0005543	Building Construction	General Assessment	2	32	32																	2						College of Architecture and Civil Engineering
0007532	Chinese Classical Garden Design	General Assessment	1	16	4			12														1						College of Architecture and Urban Planning
0007542	Urban Ecology and Environmental Protection（Chinese/English）	General Assessment	1	16	16																	1						College of Architecture and Urban Planning
0007533	Furniture Design and Manufacturing	General Assessment	1	16	4			12														1						College of Architecture and Urban Planning
0007571	Architecture and City Conservation and Renewal	General Assessment	1	16	16																	1						College of Architecture and Urban Planning
Major Electives		Sub-total	12	192	124			68																				
Total			55.5	888	692			196																				

Vice-Director:

Vice-President:

Date:

Date: