

# 建筑学专业国际学生本科指导性培养计划

表一

课程类别	课程性质	课程编号	课程名称	总学分	总学时(学周)	理论授课学时	实践教学				各 学 期 学 时（学周）										考核方式	
							实验学时	上机学时	实践学时	实践学周	一	二	三	四	五	六	七	八	九	十		
通识与公共基础课程	必修课	112306-8	汉语1-3	12.0	196	196					64	64	64								闭卷	
		112309-10	中国概况1-2	4.0	64	64					32	32									闭卷	
		113101-4	体育1-4	4.0	144	120			24		36	36	36	36							综合测评	
		109110	高等数学D	3.0	48	48					48										闭卷	
		116324	大学计算机	3.0	48	32		16			48										闭卷	
		免修课程			14.0	军训、军事理论、思想道德修养与法律基础、中国近现代史纲要、马克思主义基本原理、毛泽东思想和中国特色社会主义理论体系概论、形势与政策。																
	小 计			26.0	500	460	0	16	24	0	228	132	100	36								
	选修课	见公共选修课一览表			8.0	160	选修《跨文化交流与国际视野》《西方文化概论》《中国文化概论》和其他5门跨学科门类课程。															

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							实验学时	上机学时	实践学时	实践学周	一	二	三	四	五	六	七	八	九	十	
学科基础课程	必修课	208161	画法几何与建筑制图	3.0	48	48					48										闭卷
		208132	阴影透视	2.0	32	32						32									闭卷
		208429-30	素描1-2	6.0	96	12			84		48	48									综合测评
		208145-6	色彩A1-2	6.0	96	12			84				48	48							综合测评
		108101	设计软件基础	2.5	40	16		24				40									综合测评
		208169	计算机辅助设计	2.0	32	12		20					32								综合测评
		208102	公共建筑设计原理	2.0	32	32						32									闭卷
		208123	居住建筑设计原理	2.0	32	26			6							32					闭卷
		308311	室内设计原理	2.0	32	24			8								32				综合测评
		206177	建筑力学D	3.0	48	48						48									闭卷
		206114	建筑材料B	2.0	32	32							32								闭卷
		208164-5	建筑构造1-2	5.0	80	62			18					48	32						闭卷
		208151	建筑初步一A	5.0	80	24			40	1	64+1周										综合测评
		208158	建筑初步二A	8.0	128	36			60	2		96+2周									综合测评
		208166	建筑设计基础一	8.0	128	24			104				112								综合测评
		208167	建筑设计基础二	8.0	128	24			104					112							综合测评
		208168	建筑设计基础三	8.0	128	24			104						112						综合测评
		208149	中国建筑史	4.0	64	48			16						64						闭卷

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							实验学时	上机学时	实践学时	实践学周	一	二	三	四	五	六	七	八	九	十	
		208138	外国建筑史	5.0	80	76			4							80					闭卷
		208214	城市设计概论	2.0	32	32												32			综合测评
		008305	素描实习	1.0	1					1		1周									综合测评
		008303	色彩实习	1.0	1					1				1周							综合测评
		008113	认识实习	1.0	1					1			1周								综合测评
		008126-7	快速建筑设计1-2	2.0	2					2						1周	1周				综合测评
		008103	古建测绘	2.0	2					2							2周				综合测评
		小 计		92.5	1368+7周	644		44	680	7	160+1周	296+3周	224+1周	208+1周	208	112+1周	32+3周	32			
		308127	建筑学专业导论	1.0	16	16					16										综合测评
		208118	建筑物理	5.0	80	68	12								80						闭卷
		206179	建筑测量	2.0	32	24	8								32						综合测评
		308124	景观规划与设计原理	2.0	32	28			4							32					综合测评
		305106	建筑电气	2.0	32	24	8										32				综合测评
		306312	建筑设备工程	2.0	32	32											32				综合测评
		206178	建筑结构及选型	4.0	64	64											64				闭卷
		208130	专业外语	2.0	32	32												32			综合测评

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							实验学时	上机学时	实践学时	实践学周	一	二	三	四	五	六	七	八	九	十	
专业课程	必修课	208157	环境心理学	2.0	32	32									32						闭卷
		208139	生态设计与技术构造	2.0	32	24			8							32					综合测评
		308128	建筑法规	1.0	16	16												16			综合测评
		306260	建筑经济	1.0	16	16												16			综合测评
		308112	建筑设计一	8.0	128	24			104							128					综合测评
		308125	建筑设计二	8.0	128	24			104								128				综合测评
		308126	建筑设计三	8.0	128	24			104									128			综合测评
		008128	建筑师业务实践	4.5	18					18									18周		综合测评
		008129	毕业设计	15.0	15					15										15周	综合测评
		小 计		69.5	800+33周	448	28		324	33	16				144	192	256	192	18周	15周	
	选修课	308129	建筑实务	1.0	16	16											16				综合测评
		308113	施工图解析	2.0	32	6			26									32			综合测评
		308130	当代建筑思潮	2.0	32	32											32				综合测评
		208204	城市规划原理	3.0	48	48										48					综合测评
		308102	工业建筑设计原理	1.0	16	16											16				综合测评

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							实验 学时	上机 学时	实践 学时	实践 学周	一	二	三	四	五	六	七	八	九	十	
	公共课	208328	摄影艺术	2.0	32	16			16					32						综合测评	
		308202	城市更新与历史文化保护	2.0	32	32						32							综合测评		
		小 计			13.0	208	166								48	64					
		至少选11学分																			

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课程类别	课程性质	课程编号	课程名称	总学分	总学时	理论授课学时	实践教学				各 学 期 学 时										考核方式
							实验学时	上机学时	实践学时	实践学周	一	二	三	四	五	六	七	八	九	十	
创新创业教育	必修课	Y10010	创新创业基础	1.0	32	20			12			32								综合测评	
	选修课		创新课程	1.0							至少选修 3.0 学分。 学生可在第3-7学期选修科研创新训练 I - V 五个阶段的部分训练。										综合测评
			开放实验	1.0																	综合测评
			科研创新训练 I	0.5																	综合测评
			科研创新训练 II	0.5																	综合测评
			科研创新训练 III	0.5																	综合测评
			科研创新训练 IV	0.5																	综合测评
			科研创新训练 V	0.5																	综合测评
			创新创业项目	2.0																	
	第二课堂			2.0							至少获得 2.0 学分，不占总学分										

## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 1

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theore-tical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method	
							Experimen-tal hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10		
General and public courses	Compu-Isory	112306-8	Chinese Language 1-3	12.0	196	196					64	64	64									Test
		112309-10	A Survey of China 1-2	4.0	64	64					32	32										Test
		113101-4	Physical Education 1-4	4.0	144	120			24		36	36	36	36								Comprehensive assessment
		109110	Advanced mathematics D	3.0	48	48					48											Test
		116324	University computer	3.0	48	32		16			48											Test
		Exemption			14.0	Military Training, Military theory, Ideological and moral cultivation and legal basis, The outline of modern Chinese history, The fundamental tenets of Marxism, An introduction to Mao Zedong thought and the theoretical system of socialism with Chinese characteristics, Situation and Policy.																
		Sub-total			26.0	500	460		16	24		228	132	100	36							
	Option-al	Select from the list of public optional courses			8.0	160	Select <Cross-cultural Communication and International Vision> <An Introduction to Western Culture> <An Introduction to Chinese Culture> and other 5 interdisciplinary courses															

## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 2

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theoretical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method
							Experimental hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10	
Discipline Basic Courses	Computational	208161	Descriptive Geometry and Architectural Drawing	3.0	48	48					48										Test
		208132	Shadow perspective	2.0	32	32						32									Test
		208429-30	Sketch1-2	6.0	96	12			84		48	48									Comprehensive assessment
		208145-6	Color A1-2	6.0	96	12			84				48	48							Comprehensive assessment
		108101	Design software foundation	2.5	40	16		24				40									Comprehensive assessment
		208169	Computer aided design	2.0	32	12		20					32								Comprehensive assessment
		208102	Principles of Public Building Design	2.0	32	32						32									Test
		208123	Principles of Residential Architecture Design	2.0	32	26			6							32					Test
		308311	Interior design principle	2.0	32	24			8								32				Comprehensive assessment
		206177	architectural mechanics D	3.0	48	48						48									Test
		206114	Building materials B	2.0	32	32							32								Test
		208164-5	building construction1-2	5.0	80	62			18					48	32						Test
		208151	Building Preliminary I A	5.0	80	24			40+1 week		64+1 week										Comprehensive assessment
		208158	Building Preliminary II A	8.0	128	36			60+2 week			96+2 week									Comprehensive assessment
		208166	Foundation of Architectural Design I	8.0	128	24			104				112								Comprehensive assessment
		208167	Foundation of Architectural Design II	8.0	128	24			104					112							Comprehensive assessment
		208168	Foundation of Architectural Design III	8.0	128	24			104						112						Comprehensive assessment
		208149	History of Chinese Architecture	4.0	64	48			16						64						Test



## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 2

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theoretical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method
							Experimental hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10	
		208138	History of foreign architecture	5.0	80	76			4							80					Test
		208214	Introduction to Urban Design	2.0	32	32												32			Comprehensive assessment
		008305	Sketch Practice	1.0	1					1		1 week									Comprehensive assessment
		008303	Color Practice	1.0	1					1				1 week							Comprehensive assessment
		008113	Cognition Practice	1.0	1					1			1 week								Comprehensive assessment
		008126-7	Rapid Architectural Design 1-2	2.0	2					2						1 week	1 week				Comprehensive assessment
		008103	Mapping of Ancient Buildings	2.0	2					2							2 weeks				Comprehensive assessment
		Sub-total		92.5	1368+7 weeks	644		44	680	7	160+1 week	296+3 weeks	224+1 week	208+1 week	208	112+1 week	32+3 weeks	32			
		308127	Introduction to Architecture	1.0	16	16					16										Comprehensive assessment
		208118	Building Physics	5.0	80	68	12								80						Test
		206179	Construction Survey	2.0	32	24	8								32						Comprehensive assessment
		308124	Principles of Landscape Planning and Design	2.0	32	28			4							32					Comprehensive assessment
		305106	Building Electrical	2.0	32	24	8										32				Comprehensive assessment
		306312	Construction Equipment Engineering	2.0	32	32											32				Comprehensive assessment
		206178	Building Structure and Selection	4.0	64	64											64				Test
		208130	Professional Foreign Language	2.0	32	32												32			Comprehensive assessment

## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 2

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theoretical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method	
							Experimental hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10		
Special-sized Course	Computing	208157	Environmental Psychology	2.0	32	32									32							Test
		208139	Ecological Design and Technical Construction	2.0	32	24			8						32							Comprehensive assessment
		308128	Building Codes	1.0	16	16												16				Comprehensive assessment
		306260	Building Economy	1.0	16	16												16				Comprehensive assessment
		308112	Architectural Design I	8.0	128	24			104							128						Comprehensive assessment
		308125	Architectural Design II	8.0	128	24			104								128					Comprehensive assessment
		308126	Architectural Design III	8.0	128	24			104									128				Comprehensive assessment
		008128	Architect Practice	4.5	18					18										18 weeks		Comprehensive assessment
		008129	Graduation Design	15.0	15						15										15 weeks	Comprehensive assessment
		Sub-total			69.5	800+33 weeks	448	28		324	33	16				144	192	256	192	18 weeks	15 weeks	
	Optional	308129	Architectural Practice	1.0	16	16											16					Comprehensive assessment
		308113	Analysis of Construction Drawings	2.0	32	6			26									32				Comprehensive assessment
		308130	Contemporary Architectural Trend of Thought	2.0	32	32											32					Comprehensive assessment
		208204	Urban Planning Principles	3.0	48	48										48						Comprehensive assessment
		308102	Principles of Industrial Architectural Design	1.0	16	16											16					Comprehensive assessment
208328		photographic art	2.0	32	16			16						32							Comprehensive assessment	

## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 2

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theore- tical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method	
							Experimen- tal hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10		
		308202	Urban Renewal and Historical and Cultural Protection	2.0	32	32									32							Comprehensive assessment
		Sub-total			13.0	208	166			42					64	48	64	32				
		Choose at least 11 credits																				

## Courses and Teaching Plan for Undergraduate Foreign Students majoring in *Architecture*

Table 3

Course Category	Course type	Course code	Course name	Course credits	Hours (Weeks)	Theoretical teaching hours	Experiment & Internship				Semester hours(weeks)										Assessment method		
							Experimental hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	9	10			
Innovation and Entrepreneurship	Compulsory	Y10010	Foundation of Innovation and Entrepreneurship	1.0	32	20			12												Comprehensive assessment		
	Optional		Innovation Courses	1.0							Earn at least 3.0 credits.  Students can take part in part or all of Research Training I-V in semester 3-7.										Comprehensive assessment		
			Open Experiments	1.0																		Comprehensive assessment	
			Research Training I	0.5																		Comprehensive assessment	
			Research Training II	0.5																		Comprehensive assessment	
			Research Training III	0.5																		Comprehensive assessment	
			Research Training IV	0.5																		Comprehensive assessment	
			Research Training V	0.5																		Comprehensive assessment	
			Innovation and Entrepreneurship Projects	2.0																		Earn at least 2.0 credits. BUT those credits are not included in the graduation credits.	
																						Earn at least 2.0 credits. BUT those credits are not included in the graduation credits.	
Second Classroom Activities				2.0							Earn at least 2.0 credits. BUT those credits are not included in the graduation credits.												