

工业设计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	
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
		109135-6	高等数学C1-2	10.0	160	160					80	80							闭卷
		109115	线性代数	2.0	32	32						32							闭卷
		109102	概率与数理统计	3.0	48	48							48						闭卷
		116329	计算机与VB程序设计基础	2.0	32	24		8			32								闭卷
		116330	Visual Basic程序设计	3.0	48	28		20				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			40.0	724	672		28	24		244	292	148	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。													

工业设计专业国际学生本科指导性培养计划

表二

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工业设计专业国际学生本科指导性培养计划

表二

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			
专业课程	必修课	308425	产品造型设计	4.0	64	24			40						64				综合测评		
		308432	结构创新设计	4.0	64	24			40						64				综合测评		
		308433	机械制造技术	2.0	32	32										32			闭卷		
		308434	工业设计原理与方法	4.0	64	32			32					64					综合测评		
		208418	设计管理	2.0	32	32											32		综合测评		
		208453	工业设计专业外语	2.0	32	32										32			闭卷		
		308435	产品形象设计	3.0	48	16			32							48			综合测评		
		008423	工业设计专业实习	2.0	2					2								2周		综合测评	
		008424	生产实习	2.0	2					2								2周		综合测评	
		008431	毕业设计	15.0	15					15									15周	综合测评	
		小 计			51.0	512+19周	272			240	19	16				64	128	192	112+4周	15周	
		选修课	308428	公用设施设计	2.5	40	16			24							40				综合测评
208461	三维动画设计		4.0	64	32			32						64					综合测评		
308447	交互设计		2.0	32	24			8									32		综合测评		
308448	民间工艺传承与创新设计		2.0	32	8			24									32		综合测评		
小 计			10.5	168	72			88						64	40	64					
至少选8.5学分																					

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表三

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		
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 *Industrial Design*

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		
General and public courses	Compu- lsory	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	
		109135-36	Advanced MathematicsC1-2	10	160	160					80	80							Test	
		109115	Linear Algebra	2	32	32						32							Test	
		109102	Prohability and Mathematical Statistics	3	48	48							48						Test	
		116329	Computer and Fundamentals of VB Programming	2	32	24		8			32								Test	
		116330	Visual Basic Programming	3	48	28		20				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			40.0	724	672		28	24		244	292	148	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 *Industrial Design*

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	
Discipline Basic Courses	Computers	202216	Fundamentals of Engineering Graphics B	3	48	48					48								Test
		202217	Fundamentals of Machine Graphic and CAD	2.5	40	34		6				40							Test
		208467-8	Sketch Design 1-2	6	96	16			80		64	32							Comprehensive assessment
		208469	Colour Design	2	32	8			24			32							Comprehensive assessment
		208471	Fundamentals of Constructive Art 1	3	48	16			32				48						Comprehensive assessment
		208472	Fundamentals of Constructive Art 2	3	48	16			32					48					Comprehensive assessment
		208473	History of Industrial Design	2	32	32						32							
		208470	Rendering Techniques for Industrial Design	3	48	8			40			48							Comprehensive assessment
		208474	Rapid Expression for Industrial Design	2.5	40	8			32				40						Comprehensive assessment
		208475-6	Computer Aided Industry Design 1-2	10	160	80		80					64	96					Comprehensive assessment
		208477	Engineering Technology for Industrial Design	4	64	58			6				64						Test
		208483	Material and Technology of Design	3.5	56	48			8					56					Test
		208412	Design to Ergonomics	5	80	32			48						80				Comprehensive assessment
		008432	Product Model Making	3	3WK					3						3WK			Comprehensive assessment
		033103	Materialworking Practice B	2	2WK					2					2WK				Comprehensive assessment
		Sub-total		54.5	792+5WK	404	0	86	302	5	112	184	216	200	80+2WK	3WK			

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							Experimental hours	Computer study hours	Field practice hours	Field practice weeks	1	2	3	4	5	6	7	8	
Special-ized Course	Computersory	308445	Introduction to Industrial Design	1	16	16					16								Comprehensive assessment
		308404	Product Development and Design	5	80	32			48							80			Comprehensive assessment
		308407	Systematic Design to Product	5	80	32			48								80		Comprehensive assessment
		308425	Product Form Design	4	64	24			40						64				Comprehensive assessment
		308432	Material and Technology of Design	4	64	24			40						64				Comprehensive assessment
		308433	Fundamentals of Mechanical Manufacture	2	32	32										32			Test
		308434	Principles and Methods of Industrial Design	4	64	32			32					64					Comprehensive assessment
		208418	Design Management	2	32	32											32		Comprehensive assessment
		208410	English for Industrial Design	2	32	32										32			Test
		308435	Product Image Design	3	48	16			32							48			Comprehensive assessment
		008423	Social Practice Industrial Design	2	2WK					2							2		Comprehensive assessment
		008424	Production Training	2	2WK					2							2		Comprehensive assessment
		008431	Graduation Project	15	15WK					15								15WK	Comprehensive assessment
		Sub-total		51	512+19 WK	272			240	19	16			64	128	192	116	15WK	
		308428	Public Facility design	2.5	40	16			24							40			Comprehensive assessment
		208461	Three-dimensional Animation Design	4	64	32			32						64				Comprehensive assessment

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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	
	Option-al	308447	Interaction Design	2	40	24			16								40		Comprehensive assessment
		308448	Inheritance and Innovation of	2.0	32	8			24								32		Comprehensive assessment
		Sub-total			10.5	136	72			72									
		Choose at least 8.5 credits																	

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Table 3

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			
Innovation and Entrepreneurship	Compulsory	Y10010	Foundation of Innovation and Entrepreneurship	1.0	32	20			12					32					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.										