

2012 Undergraduate Curriculum for Industrial Design (I)

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters																Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recitation	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8		
									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		
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		
0001905	Calculus (Liberal Arts)-1	Exam	3	54	40			3															College of Applied Sciences		
0000066	Engineering Graphics V	Exam	3	48	48			3															College of Mechanical Engineering and Applied Electronics Technology		
0002784	Fundamentals of National Defense	General Assessment	2	32	32						2												Students' Affairs Office		
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		
0003337	Calculus (Liberal Arts)-2	Exam	2.5	46	32						2.5												College of Applied Sciences		
0007660	University Physics (Liberal Arts)	General Assessment	3	48	48						3												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		
0004359	Fundamentals of Chinese Sociology	Exam	4	64	48		16							4									School of Marxism		
0000014	Physical Education-4	General Assessment	1	32	32									1									Department of Physical Education		
0007486	Fundamentals of Network Programming	General Assessment	2	32	24	8								2									College of Computer Science		
0000010	College English (Band Four)	Exam	4	64	64									4									College of Foreign Languages		
University Requirements		Sub-total	47.5	836	768	8	32	28	14		12.5	2	8	11											
0007082	Freshmen Seminar Course	General Assessment	1	16	16				1														College of Architecture and Urban Planning		
0004774	Structural Sketch	General Assessment	3	48	48				3														College of Architecture and Urban Planning		
0002460	Introduction to Industrial Design	General Assessment	2	32	32				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		
0007578	Color	General Assessment	2	32	32						2													College of Architecture and Urban Planning	
0002457	Introduction to Computer-Aided Industrial Design	General Assessment	2	32	32						2													College of Architecture and Urban Planning	
0007581	Originality Design and Expression	General Assessment	4	64	64						4													College of Architecture and Urban Planning	
0003540	The Phylogeny of Design	General Assessment	3	48	48								3											College of Architecture and Urban Planning	
0007579	Fundamentals of Design Morphology	General Assessment	4	64	64								4											College of Architecture and Urban Planning	
0003541	Ergonomics	General Assessment	2	32	32										2									College of Architecture and Urban Planning	
0007580	Design Procedure and Method	General Assessment	4	64	64									4										College of Architecture and Urban Planning	
0007576	Material in Design	General Assessment	2	32	32											2								College of Materials Science and Engineering	
0007577	Introduction to Design for Sustainability (Chinese/English)	General Assessment	1.5	24	24											1.5								College of Architecture and Urban Planning	
0007575	Design for Sustainability	General Assessment	3	48	48											3								College of Architecture and Urban Planning	
0005142	Design Psychology	General Assessment	2	32	32													2						College of Architecture and Urban Planning	
0007836	System Design I (Chinese/English)	General Assessment	3	48	48													3						College of Architecture and Urban Planning	
0006052	Design Management	General Assessment	2	32	32																2			College of Architecture and Urban Planning	
Discipline Requirements		Sub-total	40.5	648	648					6		8		7		6		6.5		5		2			
0001256	Sketch Practice	General Assessment	2	60			60		2															College of Architecture and Urban Planning	
0007585	Cognitive Practice	General Assessment	1	30			30		1															College of Architecture and Urban Planning	
0007586	Immediate Design Project	General Assessment	1	30			30		1															College of Architecture and Urban Planning	
0002567	Practice of Engineering Graphics	General Assessment	2	60			60				2													College of Mechanical Engineering & Applied Electronics Technology	
0004746	Machine Shop Training A	General Assessment	1	30			30				1													College of Mechanical Engineering & Applied Electronics Technology	
0003087	Practices of National Defense	General Assessment	1	30			30					1												Students' Affairs Office	
0007791	Chromatics Practice	General Assessment	3	90			90				1	2												College of Architecture and Urban Planning	
0007582	Practice of Material and Forms	General Assessment	3	72			72						3											College of Architecture and Urban Planning	
0003600	Practice of CAID-CAMS Morphology	General Assessment	2	48			48						2											College of Architecture and Urban Planning	
0007069	Social Practices	General Assessment	2	48			48									2								School of Marxism	

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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		
0003603	Research and Investigation of Product Market	General Assessment	3	90			90																	College of Architecture and Urban Planning	
0007584	Composite Material Technology	General Assessment	2	60			60										2							College of Architecture and Urban Planning	
0007583	Model Making	General Assessment	2	60			60											2						College of Architecture and Urban Planning	
0007587	Profesional Practice	General Assessment	4	120			120												4					College of Architecture and Urban Planning	
0007588	Graduation Practice	General Assessment	4	120			120													4				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	49	1428			1428		4		4	3	5			5	2		2	4	4		16		
Discipline Electives			8	128	128						1.5		3.5		1				1		1				
Major Requirements			9	144	144									3		3		3							
Major Electives			10	160	160							2		1		2		2		3					
GEESEM:EM			6	96	96											2		2		2					
General Education Electives			13	208	208											5		4		4					
Electives		Sub-total	46	736	736						1.5		5.5		5		12		12		10				
Total for Theoretical Instruction			134	2220	2152	8	32	28	20		22	2	20.5		22		18.5		17		12				
Total for Practical Instruction			49	1428			1428		4		4	3	5			5	2		2	4	4		16		
Innovation Requirements			4	96			96														4				
Total			187	3744	2152	8	1556	28	24		26	5	25.5		22	5	20.5		19	4	20		16		

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

2012 Undergraduate Curriculum for Industrial Design (II)

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters																Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recitation	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8		
									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		
0003551	Design Sketch	General Assessment	2	32	32					2														College of Architecture and Urban Planning	
0005443	History of Western Art	General Assessment	2	32	32					2														College of Architecture and Urban Planning	
0003543	Visual Communication Design 1	General Assessment	3	48	48						3													College of Architecture and Urban Planning	
0005194	Design Expression	General Assessment	3	48	48						3													College of Architecture and Urban Planning	
0003556	Introduction to Culture Anthropology	General Assessment	3	48	48						3													College of Architecture and Urban Planning	
0003560	Photography I	General Assessment	2	32	32								2											College of Architecture and Urban Planning	
0007589	Principle of CI-VIS	General Assessment	2	32	32												2							College of Architecture and Urban Planning	
0006062	Design Theory Choiceness (Self-learning)	General Assessment	2	32	32															2				College of Architecture and Urban Planning	
Discipline Electives		Sub-total	19	304	304																				
0003554	The Design of Media Cartoon	General Assessment	2	32	32								2											College of Architecture and Urban Planning	
0006369	Interactive Design	General Assessment	2	32	32								2											College of Architecture and Urban Planning	
0002473	Public Facilities Design	General Assessment	2	32	32								2											College of Architecture and Urban Planning	
0007590	Webpage Design	General Assessment	2	32	32										2									College of Architecture and Urban Planning	
0006370	Product Research & Analysis	General Assessment	2	32	32										2									College of Architecture and Urban Planning	
0007591	Exhibition Design	General Assessment	2	32	32										2									College of Architecture and Urban Planning	
0003546	Transportation Design	General Assessment	2	32	32												2							College of Architecture and Urban Planning	
0007592	User Experience Design	General Assessment	2	32	16	16											2							College of Architecture and Urban Planning	
0007593	Marketing Investigation of Designing	General Assessment	2	32	32												2							College of Architecture and Urban Planning	
Major Requirements		Sub-total	18	288	272	16																			
0006320	Fundamentals of Cartoon Design	General Assessment	2	32	32						2													College of Architecture and Urban Planning	
0006054	Color Design	General Assessment	2	32	32						2													College of Architecture and Urban Planning	
0006371	Chinese Traditional Design Research	General Assessment	2	32	32								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		
0007792	The Basis of Decoration	General Assessment	2	32	32										2								College of Architecture and Urban Planning		
0002459	Comparative Design	General Assessment	2	32	32										2								College of Architecture and Urban Planning		
0007596	CIS-VIS System Design	General Assessment	3	48	48												3						College of Architecture and Urban Planning		
0007594	Design for Theme of Space	General Assessment	3	48	48															3			College of Architecture and Urban Planning		
0007595	Art Exhibition Planning	General Assessment	2	32	32															2			College of Architecture and Urban Planning		
0002484	Abstract Art and Intuitive Painting	General Assessment	2	32	32															2			College of Architecture and Urban Planning		
Major Electives		Sub-total	20	320	320																				

Vice-Director:

Vice-President:

Date:

Date: