

Graduation Credit Criteria

Professional categories	Total	Required Courses	Selective Courses	Practice Courses	Study Credit after Class
	120	87	-	33	-

Recommendations on Course Studies

Theory Course Schedule

Course Classification	Course Nature	Course Number	Course Title	Crs	Including					Suggested Term	Second Major	
					Tot hrs.	Exp.	Operation	Practice	Extra-cur.			
			Foundation of Computer	2	32		12			1		
			Fundamentals of Computer Program Design (VB Language)	3	48		12			2		
			Engineering Chemistry	2	32					2		
			College Physics	4	64					2		
			Experiments of College Physics B	1	32	32				3		
			Chinese Culture	6	56					1		
			Introduction to China	3	40					1		
		Subtotal		21	304	32	24					
	Cultural Quality of Education Elective Courses	Core Courses	Students Learning and Career Guidance		All students are required to obtain at least nine credits. Everyone select at least one course in four categories of core courses respectively.							
			Humanities and Cultural Courses									
			Science Technology and Culture Courses									
Course of Art												
Extension Courses												
Elective Demand		Subtotal class hours/credits at least: 144/9										
Disciplinary Courses	Basic		Advanced Mathematics B	10	160					1-2		
			Linear Algebra	2.5	40					2		
			Probability and Statistics B	3	48					3		
			Descriptive geometry	1.5	32			8		2		
			Introduction of Civil Engineering	1.0	16					1		

Course Classification	Course Nature	Course Number	Course Title	Crs	Including					Suggested Term	Second Major
					Tot hrs.	Exp.	Operation	Practice	Extra-cur.		
			Fundamental Mechanics	4.0	64					2	
			Fluid Mechanics	1.5	24	6				4	
			Building Architecture	3.0	48					3	
		Subtotal			26.5	432	6		8		
Specialized Courses	Required Courses		Civil Engineering Drawing	1.5	24					3	
			Structural Mechanics	4.0	64					3	
			Civil Engineering Surveying	2.5	48			8		4	
			Civil Engineering Materials	3.0	48	16				4	
			Soil Mechanics and Geotechnical Engineering	2.5	40	8				5	
			Design of Reinforced Concrete	4.0	64					5	
			Design of Steel Structure	4.0	64					5	
			Civil Engineering Construction	3.0	48					6	
			Water Source and Science	2.0	32					4	
			Environmental Engineering Introduction	2.0	32					5	
			Engineering Project Management	2.0	32					6	
		Subtotal			30.5	496	24		8		
	Elective Courses		Civil Engineering Test	1.0	24	12				7	
			Seismic Design of Structure	2.0	32					6	
			Project Valuation and Budget	2.5	40					6	
			Composite Structure	2.0	32					7	
			Bridge Engineering	2.0	32					7	
			Structural Blast Resistance	2.0	32					7	
			Fire Protection Engineering	1.0	16					7	
		Subtotal			24	422	16	14			
NOTE: No requirement for minimum credits											

Practice Training Table

Course Number	Practice Courses Name	Weeks	Crs	Suggested Term
	Cognition Practice	1	1.0	3
	Surveying Practice	2	2.0	4
	Engineering Geological Practice	1	1	6
	In-Site Construction Practice	5	5.0	7
	Graduation Practice	2	2.0	8
	Curriculum Design of Reinforced Concrete Slab Floor System	2	2.0	5
	Curriculum Design of Foundation Engineering	2	2.0	5
	Curriculum Design of Construction Management	2	2.0	6
	Curriculum Design of Building Architecture	2	2	3
	Graduation Design	14	14.0	8
	total	33	33	

Other Demands

《Morals, Ethics and Fundamentals of Law》、《Outline of Chinese Contemporary and Modern History》、《Introduction to Mao Zedong Thought and Socialism with Chinese Characteristics》、《Marxism Philosophy》、《Military Theory》、《Situation & Policy》、《College English》、《Physical Education》、《Military Training》 is not required for international students.