

College College of Chemistry and Chemical Engineering Major Pharmaceutical Engineering

4

Duration Four years

Degree Granted Bachelor of Engineering

Program Objectives

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The Graduation Requirements

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GMP

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9.2

Main Disciplines

Main Courses

Practicum Module (experiments included) 3

Credits Hours and Units 4

GMP	3.2	A A B
	3.3	B
4	4.1	E D F D D B A B C B
	4.2	C B A B A B B
	4.3	C C
5	5.1	R C
	5.2	C R
6	6.1	

10	10.1	
	10.2	R
11	11.1	A C
	11.2	C A
12	12.1	R
	12.2	

			1	2	3	4	5	6	7	8	9	10	11	12

Practice Schedule

Type	Course	Practice Courses Name	Weeks	Crs	Term	Operation	Notes
Arrangement of University	SJ000001	Entrance Education	1		1		
	SJ000488	Graduating Education	1		8		
	SJ000489	Volunteer Labor	1				
	SJ001010	Safety Education	2	2			
	SJ001724	Psychologically Health Education		2			32
	SJ000490	Computer Training	3				EDA 16
	SJ000002	Military Training	3		1		
	SJ001984	Physical Fitness Test		1			
	SJ000016	^C Metalworking Practice C	2	2	4		
Arrangement of College	SJ001977	^B Inorganic Chemistry Experiment B		2	1		32
	SJ002049	^B Analytical Chemistry Experiment B		2	2		32
	SJ002269	^B Organic Chemistry Experiment B		2	3		32
	SJ002237	^B Physical Chemistry Experiment B		2	4		32

SJ.42 367.7

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Hours/Credits of Course System

Course Nature		Course Type	Hrs	Percentage(%)	Crs	
Course Teaching	Required Courses	Basic General Education Core Curriculum	1064	45.86	65.5	
		Basic Disciplinary Courses	400	17.24	25.0	
		Specialized Courses	248	10.69	15.5	
		Total	1712	73.79	106.0	
	Elective Courses	Basic General Education Core Curriculum	128	5.52	8.0	
		Basic Disciplinary Courses	256	11.03	16.0	
		Specialized Courses	224	9.66	14.0	
		Total	608	26.21	38.0	
	Total			2320	100.00	144.0
	Practice					46.0
Total					190.0	

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Theory Course Schedule

course type	course nature	course code	course name	crs	hrs.	including			semester time allocation									
						theory	operation	exp. Practice										
Basic Courses	Required	00000131	Military Theory	2	(36)	(36)			2									
		00007006	The Fundamental Principles of Marxism	3	48	32			16			3						
		00003997	Introduction to Maoism and Socialist Theoretical System with Chinese Characteristics ()	2	32	32							2					
		00003998	Introduction to Maoism and Socialist Theoretical System with Chinese Characteristics ()	2	32	32								2				
		00003999	Comprehensive Practice of Ideological and Political Theory	2	32	6			26				1	1				
		00007005	Ideological & Moral Cultivation and Fundamentals of Law	3	48	28			20	3								
		00007013	Situation and Policy	2	(70)	(54)			(16)	1	1	1	1	1	1	1	1	
		00000004	Outline of Modern Chinese History	2	32	32					2							
		00000013	College English ()	3.5	56	56				4								
		00000014	College English ()	3.5	56	56					4							
		00000017	English Listening ()		(16)	(16)				1								
		00000018	English Listening ()		(16)	(16)					1							
		00007001	Public Physical Education ()	1	36	36				2								
		00007002	Public Physical Education ()	1	36	36					2							
		00007003	Public Physical Education ()	1	36	36						2						
		00007004	Public Physical Education ()	1	36	36							2					
		00000023	A Higher Mathematics A	5.5	88	88				6								
00000024	A Higher Mathematics A II	5.5	88	88					6									

course type	course nature	course code	course name	crs	hrs.	theory	oper- ation	including exp.	semester time allocation
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