

Pharmaceutical Engineering Major's Program for International Students (Teaching in English)

(One) General Knowledge Courses 36Credits

1. General Knowledge Compulsory Courses 28Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F208001	Practical Chinese I	5.0	80	(5.0)	1-1st	Examination	
F226008	Programming Design A	4.0	64	(3.0)-(1.0)	1-1st	Examination	
F109001	A Glimpse of Chinese Culture I	2.0	32	(2.0)	1-1st	Examination	
F219012	Enrollment Education	1.0	16	(2.0)	1-1st	Evaluation	
F208002	Practical Chinese II	5.0	80	(5.0)	1-2nd	Examination	
F109002	A Glimpse of Chinese Culture II	2.0	32	(2.0)	1-2nd	Examination	
F218248	Green Pharmaceutical Introduction	1.0	16	(1.0)	1-2nd	Evaluation	
F208003	Practical Chinese III	4.0	64	(4.0)	2-1st	Examination	
F208004	Practical Chinese IV	4.0	64	(4.0)	2-2nd	Examination	

2. General Knowledge Selective Courses 8Credits

(Two) Basic Courses 44Credits

1. Basic Compulsory Courses 39Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F130001	Human Anatomy	2.0	32	(2.0)	1-1st	Examination	
F401017	Basic Chemistry Experiment I A	2.0	64	(4.0)	1-1st	Evaluation	
F210003	CalculusA	4.0	64	(4.0)	1-1st	Examination	
F101001	Inorganic Chemistry	3.0	48	(3.0)	1-1st	Examination	
F410001	College Physics Experiment (International students)	1.0	32	(2.0)	1-2nd	Evaluation	
F210004	CalculusA	4.0	64	(4.0)	1-2nd	Examination	
F210009	Linear Algebra	2.0	32	(2.0)	1-2nd	Evaluation	
F210007	College Physics (International students) I	3.0	48	(3.0)	1-2nd	Examination	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F101006	Analytical Chemistry	2.0	32	(2.0)	1-2nd	Examination	
F101007	Organic Chemistry B I	3.0	48	(3.0)	2-1st	Examination	
F101013	Physical Chemistry D I	2.5	40	(2.5)	2-1st	Examination	
F401009	Basic Chemistry Experiment (II) B I	1.0	32	(2.0)	2-1st	Evaluation	
F210006	College Physics (International students) II	2.0	32	(2.0)	2-1st	Examination	
F401013	Basic Chemistry Experiment (III) A I	1.0	32	(2.0)	2-1st	Evaluation	
F401010	Basic Chemistry Experiment (II) B II	1.0	32	(2.0)	2-2nd	Evaluation	
F401014	Basic Chemistry Experiment (III) A II	0.5	16	(1.0)	2-2nd	Evaluation	
F101014	Physical Chemistry D II	3.0	48	(3.0)	2-2nd	Examination	
F101008	Organic Chemistry B II	2.0	32	(2.0)	2-2nd	Examination	

2. Basic Selective Courses 5 Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F102001	Engineering Graphics	3.0	48	(3.0)	1-2nd	Examination	
F103001	The Basic on electrotechnics	2.5	40	(2.5)	2-1st	Evaluation	
F105013	Accounting(English)	3.0	48	(3.0)	3-2nd	Evaluation	

(Three)Specialty Courses 42.5Credits

1. Specialty Compulsory Courses 36.5Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
G106340	Experiment of Phamaceutical Biological Basis	2.0	64	(4.0)	2-1st	Evaluation	
G106100	Biological Basis of Phamaceutical Sciences	4.0	64	(4.0)	2-1st	Examination	
G210036	Medical Mathematical Statistics	2.0	32	(2.0)	2-2nd	Evaluation	
F118244	Reactions for Medicinal Synthesis	2.0	32	(2.0)	3-1st	Evaluation	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F118243	Pharmaceutical Analysis	2.0	32	(2.0)	3-1st	Examination	
F118242	Medicinal Chemistry II	3.0	48	(3.0)	3-1st	Examination	
F118241	Literature Search and Patent	2.0	32	(2.0)	3-1st	Evaluation	
F101021	Principles of Chemical Engineering C	4.0	64	(4.0)	3-1st	Examination	
F401006	Principles of Chemical Engineering B II	0.5	16	(1.0)	3-1st	Evaluation	
F118245	Nature Pharmaceutical Chemistry	2.0	32	(2.0)	3-1st	Evaluation	
F1300131	Industrial Pharmaceutics	2.0	32	(2.0)	3-2nd	Examination	
F1300141	Pharmacology	2.0	32	(2.0)	3-2nd	Examination	
F1300151	Green Pharmaceutical Technology	2.0	32	(2.0)	3-2nd	Examination	
F130011	Green Pharmaceutical Separation Engineering	2.0	32	(2.0)	3-2nd	Evaluation	
F130012	Introduction to Pharmaceutical safety and environmental protection	1.5	24	(1.5)	3-2nd	Evaluation	
F130003	English Writing and Presentation	2.0	32	(2.0)	3-2nd	Evaluation	
F118247	Pharmaceutical quality management project	2.0	32	(2.0)	4-1st	Evaluation	
G101106	Pharmaceutical Equipment	2.0	32	(2.0)	4-1st	Evaluation	

2. Specialty Selective Courses 6Credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F130010	Biological Basis of Pharmaceutical Sciences II	2.0	32	(2.0)	2-2nd	Evaluation	
F130009	Ethics of Science and Pharmaceutics	2.0	32	(2.0)	2-2nd	Evaluation	
F1300161	Pharmaceutical Materials	2.0	32	(2.0)	3-2nd	Evaluation	
F118246	Drug Structure Analysis	2.0	32	(2.0)	3-2nd	Evaluation	
F1300171	Biosynthetic Pharmaceutics	2.0	32	(2.0)	4-1st	Evaluation	

(Four) Practical Teaching Section 22Credits

1. Practical Compulsory Courses 22 Credits

Course Code	Course Name	Credit	Weeks (Class Hours)	Term	Note	Minor Course
G702003	Mechanical Engineering Training	1.0	2	2-2nd		
G530001	Cognitional Practice	0.5	2	2-short term		
G418089	Experiments of Organical Medicines B	0.5	1	2-short term		
G737001	Extracurricular Practice for Ideological and Political Theory Course	2.0	2	2-short term		
G418092	Experiments of Biochemical Medicines B	0.5	1	2-short term		
G213007	Physical Fitness Training	0.25	1	3-1st		
G418130	Experiments of Medicinal Chemistry B	0.5	1	3-2nd		
G418094	Experiments of Pharmaceutical Analysis	0.5	1	3-2nd		
G530002	Producing Practice	2.0	8	3-short term		
G701005	Curriculum Design for Principles of Chemical Engineering B	1.5	1.5	3-short term		
G730001	Curriculum design for Pharmaceutical Technology	2.0	2	4-1st		
G430001	Experiment of Green Pharmaceutical Science	1.0	2	4-1st		
G213008	Phydivsl Fitness Training IV	0.25	1	4-1st		
G630001	Thesis/Design for Pharmaceutical Engineering Major	16.0	32	4-2nd		

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