

## X. Curriculum Provision & Credit Distribution

### (One) Pre-college Courses

Each Pre-college course equals 0.5 credit as general-knowledge selective course, and Maximum 2 credits will be given of all pre-college courses.

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method
F210014	Fundamental Calculus (Prior Course)	0.5	32	4.0	Pre-school in Summer Vacation	Examination
F210015	Fundamental Physics (Prior Course)	0.5	32	4.0	Pre-school in Summer Vacation	Examination
F329029	HSK (Prior Course)	0.5	32	4.0	Pre-school in Summer Vacation	Examination
F329028	English (Prior Course)	0.5	32	4.0	Pre-school in Summer Vacation	Examination

### (Two) General Knowledge Courses 40 credits

#### 1. General Compulsory Course 32 credits

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F208010	Practical Chinese I	4.0	64	4.0	1-1st	Examination	
F226008	Programming Design A	4.0	64	4.0	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	
F237001	China's Path and China's Model	2.0	32	2.0	1-2nd	Evaluation	
F109002	A Glimpse of Chinese Culture II	2.0	32	2.0	1-2nd	Examination	
F208011	Practical Chinese II	4.0	64	4.0	1-2nd	Examination	
F118256	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	5.0	2-2nd	Examination	
F208005	Practical Chinese V	2.0	32	2.0	3-1st	Examination	
F208006	Practical Chinese VI	2.0	32	2.0	3-2nd	Examination	

#### 2. General Knowledge Selective Courses 8 Credits

**(Three) Basic Courses (Minimum credits: 52 credits)**

**1. Basic Compulsory Course (Minimum credits: 46 credits)**

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	
F210013	Calculus I	4.0	64	4.0	1-1st	Examination	
F101001	Inorganic Chemistry	3.0	48	3.0	1-1st	Examination	
F410001	University Physics Experiment B	1.0	32	2.0	1-1st	Evaluation	
F210012	Calculus II	4.0	64	4.0	1-2nd	Examination	
F210007	University Physics I	3.0	48	3.0	1-2nd	Examination	
F101006	Analytical Chemistry I	2.0	32	2.0	1-2nd	Examination	
F401017	Basic Chemistry Experiment (I) A I	2.0	64	4.0	1-2nd	Evaluation	
F101007	Organic Chemistry B I	3.0	48	3.0	2-1st	Examination	
F101011	Physical Chemistry D I	3.0	48	3.0	2-1st	Examination	
F401009	Basic Chemistry Experiment (II) B I	1.0	32	2.0	2-1st	Evaluation	
F210006	University Physics II	2.0	32	2.0	2-1st	Examination	
F401013	Basic Chemistry Experiment (III) A I	1.0	16	1.0	2-1st	Evaluation	
F118248	Physiology B	2.0	32	2.0	2-1nd	Examination	
F106006	Microbiology and Immunology	2.0	32	2.0	2-2nd	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	
F101012	Physical Chemistry D II	2.5	40	2.5	2-2nd	Examination	
F101008	Organic Chemistry II	2.0	32	2.0	2-2nd	Examination	
F118241	Pharmaceutical Literatures	2.0	32	2.0	2-2nd	Evaluation	
F118278	Cell and Molecular Biology	3.0	48	3.0	3-1st	Evaluation	

2. Basic Selective Courses (Minimum credits: 6 credits)

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F118252	Medical Mathematical Statistics	2.0	32	2.0	2-1st	Examination	
F118254	Medical ethics	2.0	32	2.0	2-1st	Evaluation	
F118267	English for Pharmacy #	2.0	32	2.0	2-2nd	Evaluation	
F118253	Modern Instrumental Analysis	2.0	32	2.0	2-2nd	Evaluation	
F118255	Clinical Medicine Outline	2.0	32	2.0	3-2nd	Examination	

**(Four) Specialty Courses (Minimum credits: 35 credits)**

1. Specialty Compulsory Course (Minimum credits: 23 credits)

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F118257	Medicinal Botany and Pharmacognosy B	2.0	32	2.0	2-2nd	Examination	
F118266	Medical Polymer materials	2.0	32	2.0	2-2nd	Examination	
F118258	Pharmacology	3.0	48	3.0	3-1st	Examination	
F118260	Pharmaceutical Chemistry A	3.0	48	3.0	3-1st	Examination	
F118261	Pharmaceutical analysis A	3.0	48	3.0	3-1st	Examination	
F118262	Natural Medicinal Chemistry A	3.0	48	3.0	3-2nd	Examination	
F118263	Pharmaceutics	3.0	48	3.0	3-2nd	Examination	
F118264	Pharmacy administration	2.0	32	2.0	3-2nd	Examination	
F118265	Biopharmaceutics and pharmacokinetics	2.0	32	2.0	4-1st	Examination	

2. Specialty Selective Course (Minimum credits: 12 credits)

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F118279	Artificial Intelligence in Medicine	2.0	32	2.0	2-2nd	Evaluation	
F118268	Structure Analysis of Drugs	2.0	32	2.0	3-1st	Evaluation	
F118269	Marine Pharmaceutics	2.0	32	2.0	3-2nd	Evaluation	

Course Code	Course Name	Credit	Total Class Hours	Classhours Per Week	Term	Evaluation Method	Minor Course
F118270	Drug Design	2.0	32	2.0	3-2nd	Evaluation	
F118271	Pharmaceutical Marketing	2.0	32	2.0	3-2nd	Evaluation	
F118272	New Drug Research and Development	2.0	32	2.0	3-2nd	Evaluation	
F118273	Biosynthetic Pharmaceutics	2.0	32	2.0	4-1st	Evaluation	
F118274	Comprehensive Knowledge and Skills of Pharmacy	2.0	32	2.0	4-1st	Evaluation	
F118275	GXP (Good Practice for Pharmaceutical Quality Management)	2.0	32	2.0	4-1st	Evaluation	
F118244	Drug Synthesis	2.0	32	2.0	4-1st	Examination	

**(Five) Practical Teaching Section: Minimum 22 credits**

1. Compulsory Practical Courses: 22 credits

Course Code	Course Name	Credit	Weeks (Class Hours)	Term	Note	Minor Course
F418260	Microbiology Experiment B	0.5	1	2-2nd		
F518001	Pharmacy professional knowledge internship	0.5	1	2-short		
F418249	Pharmaceutical Chemistry Experiment B	0.5	1	3-1st		
F418253	Medicinal Botany and Pharmacognosy Experiment	0.5	1	3-1st		
F418261	Molecular biology experiment	0.5	1	3-1st		
F418254	Pharmacology Experiment B	1.0	2	3-2nd		
F418258	Drug Analysis Experiment	0.5	1	3-2nd		
F418262	Pharmaceutical Chemistry Experiment BII	0.5	1	3-2nd		
F518002	Pharmacy simulation practice	0.5	1	3-short		
F518003	Pharmacy professional internship	2.0	4	3-short		
F418255	Natural Medicinal Chemistry A Experiment	0.5	1	3-2st		
F418256	Pharmaceutics experiment A	0.5	1	3-2st		

<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>	<b>Weeks (Class Hours)</b>	<b>Term</b>	<b>Note</b>	<b>Minor Course</b>
F418263	Pharmacy Comprehensive Experiment	2.0	4	4-1st		
F618001	Graduation Project (Thesis) B	12.0	16	4-2nd		

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