

# Yuanpei University of Medical Technology 2024 Curriculum

## Bachelor Degree Program Biotechnology and Pharmaceutical Technology

1st semester (2024)					2nd semester(2025)					3rd semester(2026)					4th semester(2027)								
Field	Subject	1st		2nd		Field	Subject	1st		2nd		Field	Subject	1st		2nd		Field	Subject	1st		2nd	
		Cr.	Hr.	Cr.	Hr.			Cr.	Hr.	Cr.	Hr.			Cr.	Hr.	Cr.	Hr.			Cr.	Hr.	Cr.	Hr.
A	English (I)	2	2			A	Chinese Language (III)	2	2			B	Biostatistics and Software	2	2			C	Practice of Biopharmaceutical Skills	2	2		
A	Basic Programming	2	2			B	Biochemistry (I)	3	3			B	Liquid Dosage Forms Design and Lab	3	3			C	Biotechnology and Pharmaceutical Regulations and Intellectual Property Rights	2	2		
A	Liberal Education	2	2	2	2	B	Solid Dosage Forms Design and Lab	3	3			B	Good Manufacturing Practice	2	2			C	Enterprise Internship (I)	9	27		
A	Chinese Language (I)	2	2			B	Microbiology	2	2			B	Pharmaceutical Analysis	2	2			C	Thematic Exploration	2	6		
B	Chemistry	2	2			B	Pharmaceutics (I)	2	2			C	Industrial Safety	2	2			C	Good Laboratory Practice (GLP)	2	2		
B	General Biology	2	2			C	Introduction of Herbal Medicine	2	2			C	Molecular Biology (with lab)	3	3			C	Nutrition	2	2		
B	General Physics	2	2			C	Biochemistry Experiment	3	3			C	Cosmetics inspection and experiment	2	2			C	Chemical Manufacturing Controls	1	1		
B	Introduction to Pharmaceutical Engineering	2	2			C	Physiology	2	2			C	Professional English for Biopharmaceutics (II)	2	2			C	Microscopic Techniques	2	2		
C	Cosmetics	2	2			C	Microbiology Experiment	2	2			C	Introduction to pharmaceutical equipment and machinery	2	2			C	Biotechnology and Pharmaceutical Industry Management		2	2	
C	Chemistry Experiment	2	2			A	Chinese Reading And Expression			2	2	C	Instrumental Analysis Experiment	3	3			C	Enterprise Internship (II)		9	27	
A	English (II)			2	2	B	Semisolid Dosage Forms Design and Lab			3	3	B	Bioinformatics		2	2		C	Development of Functional Food		2	2	
A	Package Software			2	2	B	Biochemistry (II)			3	3	C	Management of Industrial Safety and Hygiene		2	2		C	Research		2	6	
A	Chinese Language (II)			2	2	B	Pharmaceutics (II)			2	2	C	Cell Biology		2	2		C	Structural Biology		2	2	
B	Analytical Chemistry			2	2	B	Instrumental Analysis			2	2	C	Tissue Culture Lab		3	3		C	Enzymology		2	2	
B	Organic Chemistry			2	2	B	Pharmacology			2	2	C	Unit Operations		2	2		C	Industrial Application of Pharmaceutical Plants		2	2	
B	Powder Sciences and Lab			2	2	C	Chinese Herbal Medicine: Development and Application			2	2	C	Medicinal physical chemistry		2	2							
B	Pharmacology			2	2	C	Cosmetic Modulation and Experiment			2	2	C	Introduction to Pharmacopoeia		2	2							
C	Biotechnology For Functional Foods			2	2	C	Professional English for Biopharmaceutics (I)			2	2	C	Pharmaceutical Analysis and Lab.		3	3							
C	Pharmaceutical Botany and Lab			2	2	C	Biotechnology Principles and Experiments			3	3	C	Pharmacokinetics		2	2							
												C	GMP for Pharmaceutical Company		2	2							

Academic Regulation

【 Total Graduation Requirement: 128credits 】  
(1)A. Common Core Courses – 20 credits, including: Liberal Education: 4 credits, English: 4 credits (English I&II)", "Chinese: 8 credits (Chinese Language I&II&III, Chinese Reading and Expression ), Information Technology: 4 credits (Basic Programming, Package Software)  
(2)B. Major Core Courses: 49 credits  
(3)C. Professional Elective Courses: 59 credits  
(4)Elective courses taken within the same department and program may be counted towards the required elective credits.  
< Approved by the University Curriculum Council on 2024.06.18 and 2025.02.12.>

