

HUNGKUANG UNIVERSITY

Department of Medical Equipment Development and Application

Academic Year 2025 , Four Year Program Day Division :

Credits required for graduation by the Department: 128 credits											
General Education Courses			30 credits / 32 hours								
Professional Compulsory Courses			60 credits / 67 hours								
Elective Courses			38 credits / 38 hours								
			First year		Second year		Third year		Fourth year		Note
General Education Courses: 30 credits / 32 hours			S.1	S.2	S.1	S.2	S.1	S.2	S.1	S.2	
Core	Human Spirit(I)			2/2							
	Service Learning(I)			0/1							
	Human Spirit(II)					2/2					
	Service Learning(II)					0/1					
Basic	Introduction on Creativity				2/2						Creative Education
	Chinese Reading and Writing(I)		2/2								Language Education
	English(I)		2/2								Language Education
	Democracy and The Rule of Law		2/2								Civic Education
	Physical Education		2/2								Physical Education
	Chinese Reading and Writing(II)			2/2							Language Education
	English(II)			2/2							Language Education
	Mobile Application Development			2/2							Information Education
	English Presentations at Work				2/2						Language Education
	Western History of Culture					2/2					Civic Education
	Innovation:Thinking and Application								2/2		Creative Education
	Classifi cation	Social Science Category					2/2				
Liberal Arts						2/2					
Subtotal			10/10	8/9	4/4	6/7	2/2	0/0	2/2	0/0	
Professional Compulsory Courses:60 credits / 67 hours			First year		Second year		Third year		Fourth year		Note
			S.1	S.2	S.1	S.2	S.1	S.2	S.1	S.2	
Introduction to Biomedical Engineering			2/2								
Physical Principles of Technology			2/2								
Chemistry			2/2								
Computer-Aided 3D Modeling			3/3								
Introduction to Medical and Health Care Industry				2/2							Core Courses of the College of Medical and

									Health care
The Applied Mathematics in Medicine		2/2							
Biomedical Physics Laboratory		2/3							
Mobile Application Development		2/2							
Anatomy		2/2							
Physiology			2/2						
Biomechanics			2/2						
Electronic Circuits Practices			3/3						
Biochemistry			2/2						
Biomedical Chemistry Laboratory				2/3					
Practice of the Sensor				3/3					
Medical Electronics Laboratory				2/3					
Biomechanics				2/2					
Biomechanics Laboratory					2/3				
Professional Presentation and Communication Skills					2/2				
Practical Application of Assistive Technology					2/2				
Project Research(I)					1/2				
Project Research (II)						1/2			
Biostatistics						2/2			
Project Management and Engineering Ethics						2/2			
Clinical Engineering							2/3		
Introduction to Medical Device Regulations							2/2		
Medical Engineering Practice								7/7	Off-campus Internship
Subtotal	9/9	8/9	9/9	9/11	7/9	5/6	6/7	7/7	
Total	17/17	18/20	13/13	15/18	9/11	5/6	8/9	7/7	

Elective Courses: 38credits

1. The department's professional electives require a minimum of 18 credits to be completed.
2. The department offers 20 credits of electives from other departments, including a maximum of 6 credits for elective courses offered by the General Education Center (including a maximum of 4 credits for physical education courses).

Note :

1. National defense education and military training courses are not included in graduation credits.
2. Courses that use computer equipment must pay fees according to the university's regulations.
3. Students who have completed any one of the programs offered by the school are qualified for graduation.
The number of credits and grades are included in the total number of credits and semester grades for each semester.
4. In addition to completing the required credits for graduation, other graduation requirements must also meet school's academic rules before they are qualified for graduation.