

Course		Credits	hour	1st academic year				2nd academic year			
				1st semester		2nd semester		1st semester		2nd semester	
				class	lab	class	lab	class	lab	class	lab
Core Required Courses	Practical application of English 1	2	2	2							
	Practical application of English 2	2	2			2					
	Subtotal	4									
Professional Required Courses	Health Industry Research Methodology	2	2	2							
	Health Informatics Seminar	2	2	2							
	Analysis of Health Industry Policy	2	2	2							
	Health Care Organization and Management Theory	2	2			2					
	Research Project I	1	1			1					
	Research Project II	1	1					1			
	Subtotal	10									
Professional Elective Course	Health Career Management Program	Advanced Statistical Analysis	3	3	3						
		International Health Marketing Management	3	3	3						
		Healthcare Quality Management	3	3			3				
		Healthcare Industry Analysis	3	3			3				
		Long-term care management	3	3					3		
		Case Studies in Health Care Industry	3	3			3				
		Cost-Benefit Analysis of Healthcare Industry	3	3							3
	Health Informatics Program	Intelligent Medical Image Analysis and Application	3	3	3						
		Advanced programming language	3	3			3				
		Healthcare Data Mining	3	3			3				
		Cost of Health Care Industry	3	3					3		
		Electronic Medical Record Management	3	3					3		
		Wisdom Healthcare services	3	3					3		
		Healthcare Multimedia Applications	3	3					3		
	Biomedical Engineering Program	Biosensor Micro Sensor	3	3	3						
		Tissue Engineering	3	3	3						
		Health Measurement and Instrument	3	3			3				
		Principle and Experiment of Biomedical Polymers	3	3			3				
		Systematic Design of Health Electronic	3	3			3		3		
		Biomedical Photoelectric	3	3							3
		Introduction to Nano Biomedicine	3	3							
	Other	Healthcare Overseas Practicum	3	3			3				
		Hospital Safety and Crisis Management	3	3					3		
		Health Insurance Seminar	3	3					3		
		International Healthcare Financial Management	3	3							3

Ming Chuan University Department of Healthcare Information and Management Graduate Course Outline for all students entering in 2024-2025

Subtotal Required Course Credits	14
Subtotal Elective Course Credits	18
total	32