

Curriculum of the Ph.D. Program at the Graduate Institute of Management , Chang Gung University (For students admitted in Fall, 2025)							
Area	Required/ Elective	Course Title	Credits	Year	Fall Semester	Spring Semester	Remarks
General required courses	Required	Research Methods I 、 II	6	1st	3	3	
	Required	Research Seminar I 、 II	4	1st	2	2	
	Required	Advanced Topics in Management I 、 II	6	2nd	3	3	
	Required	Scientific Research and Paper Publication	2	2nd	2		
Compulsory elective core courses in the general management field	Elective	Topics in Design Management	3	1st	3		
	Elective	Decision Science and Applications	3	1st		3	
	Elective	Survey Research Methods	3	1st	3		
	Elective	Production and Operations Management	3	2nd	3		Prerequisite: Optimization Methods (MS program) or the like Approved waiver of the prerequisite by course instructor required
	Elective	Innovation Design Management and Practice	3	1st		3	
	Elective	Topics in Statistics	3	2nd	3		
	Elective	The Classification Topics in Artificial Intelligence	3	1st		3	
	Elective	International Scholarly Communication	2	2nd		2	
	Elective	Policies and Management of Information Security	3	1st		3	
	Elective	Mixed method: Research design and application	3	2nd		3	
	Elective	Application Project for Deep Learning	2	1st		2	
	Elective	Seminar on strategy and organization theory	3	1st	3		
	Elective	Innovative Product Design and Development	3	1st		3	
	Elective	Creative Thinking and Method	3	1st	3		
Elective	Structural equation modeling	3	1st	3			
Compulsory elective core courses in the healthcare management field	Elective	Healthcare and Society	3	1st	3		
	Elective	The Application of Interdisciplinary CollaborateInnovation Design for Medical Industries	3	1st	3		
	Elective	The Application of Innovation Design Thinking to Medical Industry	3	1st		3	
	Elective	Topics in Health Economics	3	2nd	3		Prerequisite: Health Economics or the like Approved waiver of the prerequisite by course instructor required
	Elective	Health and Information Systems Theories	3	2nd		3	
	Elective	Topics in Healthcare Management	3	2nd		3	
	Elective	Design Strategy and Innovation for Assistive Technology Products	3	2nd		3	
	Elective	Smart Medical Material Software Innovation	3	1st	3		
	Elective	Smart Healthcare Topic: Field Applications	2	1st	2		
	Elective	Special Topics on the Progress of Innovative HealthcareAdvancements	2	1st		2	
	Elective	Machine Learning and Its Medical Applications	3	1st		3	
Elective	Medical Device Commercialization Strategy	3	1st		3		
Remarks	1. Minimum requirement for graduation: 45 credits (1) Required courses: 18 credits (2) Elective courses: 21 credits (3) 6 credits of thesis (granted after completion of dissertation defense)						
	2. Students are required to pass the English certification standard to obtain graduation qualifications. (see "Doctoral Degree Requirements and Regulations" for details)						
	3. With approval from the advisor/director, credits obtained from all PhD program courses at CGU can be counted toward the elective course credit requirement.						