

Curriculum of the GIAI PhD Program

Chang Gung University(For students admitted in Fall, 2025)

April 15th, 2025 Revision

Required / Elective	Subject	1st Y		Subject	2nd Y	
		1st Sem.	2nd Sem.		1st Sem.	2nd Sem.
Required Courses	Introduction to Intelligent Methodologies	3				
	Technical Literature Survey	1	1			
Professional Elevtive Courses(1)_Artificial Intelligence Foundation	Natural Language Processing		3			
	Deep Learning Architecture	3				
	Advanced Computer Vision		3			
Professional Elevtive Courses(2)_Biological and Medical Applications	Intelligence Medicine Engineering	3				
	Clinical Image Analysis		3			
	Digital Image Processing for Medical Applications		3			
Elective Courses	Generative AI Technologies	3		Independent Study (1) (2)	2	2
	Blockchain Technologies: Foundation and Application	3		Technical Literature Survey	1	1
	Artificial Intelligence & Internet of Things		3			
	Introduction to Cybersecurity		3			
	Multiagent Systems		3			
Remark	1. Graduation Requirement: 26 credits (1) Required courses: 5 credits (2)Elective Courses: 15 credits ① At least one course from each area of Professional Electives (1)(2) must be passed with a grade of A or A+. (3) Doctoral Dissertation: 6 credits (awarded upon passing the thesis defense). (4) Doctoral students taking courses from other departments must submit a "Cross-Departmental Course Application" before course selection. Upon approval, these courses can be counted towards graduation credits. Cross-departmental courses must be related to the student's research, with a maximum of 6 credits allowed. 2.Graduation is contingent upon meeting the English graduation threshold. For detailed regulations, please refer to the "Implementation Measures for English Graduation Threshold" provided by the Language Center of CGU.					