urriculum of the PhD Program at the Department of Artificial Intelligenc

Chang Gung University (For students admitted in Fall, 2026)

Oct 30, 2026 Revision

Required / Elective	Subject	1st y		Subject	2nd Y	
		1st Sem.	2nd Sem.		1st Sem.	2nd Sem.
Required	Technical Literature Survey	1	1	Technical Literature Survey	1	1
Professional Elevtive Courses (Choose 3 out of 6)	Advanced Machine Learning		3			
	Deep Learning Architecture	3				
	Natural Language Processing		3			
	Generative Artificial Intelligence	3				
	Multiagent Systems		3			
	Advanced Computer Vision		3			
	Introduction to Intelligent Technologies	3				
	Reinforcement Learning		3			
	Intelligent Medical Engineering	3				
	Graph Mining and Learning	3				
	Quantum Information	3				
	Quantum Machine Learning		3			
	Digital Medical Image Processing		3			
	Clinical Image Analysis		3			
	Robot Learning		3			
	Academic Paper Writing in Artificial Intelligence	3				
Note	1.Graduation Credits: 28 credits (1) Required Courses: 4 credits (2) Elective Courses: 18 credits a. Professional Elevtive Courses (Choose 3 out of 6), for a total of 9 credits. (3) Doctoral Dissertation: 6 credits (awarded upon passing the thesis defense). (4) Students who wish to enroll in doctoral courses from other departments must submit an "Application Form for Course Enrollment from other departments" before course selection. Credits will only be credited towards graduation upon approval. Enrolled courses must be research-related and have a maximum credit limit of 6 credits. 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.					