HUNGKUANG UNIVERSITY
Department of Intelligent Technology and Application

Academic Year 2024, Four-Year Program (*Day School*)

Credits required for graduation by the Department: 128 credits	
General Education Courses	30 credits / 32 hours
Professional Compulsory Courses	45 credits / 48 hours
Elective Courses	53 credits / 55 hours

General Education Courses: 30 credits		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	
Core	人文精神(一) Human Spirit(I)		2/2							
	人文精神(二) Human Spirit(II)				2/2					
	服務學習(一) Service Learning(I)		0/1							
	服務學習(二) Service Learning(II)				0/1					
Basic	中文閱讀與書寫(一) Chinese reading and writing(I)	2/2								Language Education
	中文閱讀與書寫(二) Chinese reading and writing(II)		2/2							Language Education
	英文(一) English(I)	2/2								Language Education
	英文(二) English(II)		2/2							Language Education
	職場專業英文簡報 English presentations at work			2/2						Language Education
	應用程式設計 Application Programming Design		2/2							Information education
	歷史與文明 History and Civilization						2/2			Civic Education
	民主與法治 Democracy and the Rule of Law	2/2								Civic Education
	創意概論 Introduction to Creativity			2/2						Creative Education
	創新思維與應用 Innovation: Thinking and Application					2/2				Creative Education
	體育 Physical Education	2/2								Physical Education
Classification	社會科學類 Social Science Category				2/2					
	人文藝術類 Liberal Arts					2/2				
Subtotal		8/8	8/9	4/4	4/5	4/4	2/2	0/0	0/0	

Professional Compulsory Courses: 45 credits	First year S.1	First year S.2	Second year S.1	Second year S.2	Third year S.1	Third year S.2	Fourth year S.1	Fourth year S.2	Note
計算機概論 Introduction to Computer Science	3/3								
無人載具操作應用實務 Practice of Unmanned Vehicle Operation	3/3								
Python 程式設計實務 Python Programming Practice	3/4								
人工智慧導論 Introduction to Artificial Intelligence		3/3							
網路概論與應用 Computer Network Introduction and Application		3/3							
行動應用程式設計 Mobile Application Development		3/3							Core courses of College of Engineering
運算思維與演算法 Computational Thinking and Algorithm			3/3						
網頁前端介面設計 Front-end Web User Interface Design			3/3						
應用數學 Applied Mathematics			3/3						
UI/UX 實務 User Interface Design and User Experience Practice				3/3					
資訊與網路安全 Information and Network Security					3/3				
電腦輔助 3D 建模實務 Computer-Aided 3D Modeling					3/3				Core courses of College of Engineering
專題(一) Project(Ⅰ)						1/2			
專題(二) Project(Ⅱ)							1/2		
業界實習 Industry of Internship								7/7	
Subtotal	9/10	9/9	9/9	3/3	6/6	1/2	1/2	7/7	

Elective Courses: 53 credits

1. According to the 「Guidelines for Students of the Department of Intelligent Technology and Application of HungKuang University」, students need to choose one of the "Smart System Development Module" or "Digital Service Application Module" as an elective module from the next semester of the first year. And complete 21 credits of this module.

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).

Smart system development module		Digital Service Application Module	
Module Major Elective	credits / hours	Module Major Elective	credits / hours
C 程式設計實務 C Programming Language and Programming Practices	3/4	應用統計實務 Applied Statistics Practice	3/4
數位邏輯與電子電路 Digital Logic and Electronic Circuit	3/3	電子與行動商務 Electronic and Mobile Commerce	3/3
Python 應用實務 Python Practices	3/3	數位行銷 Digital Marketing	3/3
資料庫設計 Database Design	3/3	無人機拍攝與剪輯 Drone Video Shooting and Image Editing	3/4
微處理器應用 Microprocessor Applications	3/4	多媒體設計實務 Multimedia Design Practice	3/3
全端網頁開發 Full Stack Web Development	3/3	網頁設計 WebPage Design	3/3
機器與深度學習 Machine Learning and Deep Learning	3/3	社群媒體製作實務 Practice of Social Media Content Production	3/3

附註：

1. According to the implementation rules of the information competency certificate of the Department of Intelligent Technology and Application of Hungkuang University, only those who match the conditions will be eligible for graduation.
2. 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.
3. National defense education and military training courses are not included in graduation credits.
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.