

# Chung Hua University Department of Information Engineering 112

## class Course planning for master's on-the-job special courses

April 11, 2023 Passed by the Departmental meeting at its 3rd meeting, spring semester, Academic Year 2022-23;

Approved at the 3rd College Curriculum Meeting of academic year 111, on May 31, 2023

Approved at the 4rd College and University Curriculum Committees of academic year 111, on June 14, 2023

Sorting (credits/hour)	First grade		second grade	
Compulsory (0/2)	Seminar	Seminar	Seminar Thesis Seminar	Seminar Thesis Seminar
Elective (3/3)	Software Development Practices Database Practices Front-end Web Design Web Application Development Computer Math Computer Architecture Technical Reading and Writing in English Internet Protocols Database Systems Advanced Probability and Statistics Artificial Intelligence Digital Signal Processing Image Processing Electronic Commerce Wireless Networks Fuzzy Theory	Special Topics in Electronic Commence Advanced Computer Algorithms operation system Multimedia Systems Pattern Recognition Video Processing Color Engineering Embedded System Deep Learning	Network Security Evolutionary Computation Expert Systems Computer vision Audio Processing Wireless Sensor Networks Data Mining	Special Topics of Artificial Intelligence Special Topics on Artificial Intelligence Optimization Theory Speech Recognition Internet of Things-Theory and Implementation Digital Learning

Neural Networks			
Machine Learning			

Total credits for graduation: 24 (more than 8 electives: 24 credits or more including 0 credits for book and newspaper discussion: 4 semesters; 0 credits for thesis guidance and research: 2 semesters)

Note: 1. Postgraduates in the master's degree program can select the supervisor of the thesis research after enrollment, and submit the supervisor registration form before the end of the first semester of enrollment at the latest.

2. Elective courses should be opened according to the actual situation of the semester