

Department of Computer Science and Information Engineering

Curriculum Requirements for Enrollees in the Academic Year 113 (Fall 2024)

Program	Master’s Program for the Day Division								
Group	None								
Class Type	Regular Class								
Special Program	None								
Curriculum Committee	Department Curriculum		113.04.30						
	College Curriculum		113.05.23						
	University Curriculum		113.06.03						
	Academic Affairs		113.06.03						
Graduation Credits /Study Duration	At least 30 credits required (plus 6 thesis credits), with a study period of 1 - 4 years; actual graduation credits based on the table below.								
Credit Load per Semester	The courses and credits required for each semester are determined by the respective departments (or institutes). However, during the first academic year, the total number of credits per semester must not be fewer than 6 credits and not exceed 18 credits.								
Required and Elective	Credits		Subject Category						
Required	14 Credits		Major Requirements (including Thesis)						
Elective	16 Credits		Major Elective						
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee).								
First Semester, First Year					Second Semester, First Year				
Course	Course	Course Name	Credits / Hours	Notes	Course	Course	Course Name	Credits / Hours	Notes
Major Required	M0IA11	Seminar(1)	2/2		Major Required	M0IA12	Seminar(2)	2/2	
Major Elective	M0IE15	Image Processing Systems	3/3	Computer Course	Major Elective	M0IE17	Embedded Systems	3/3	
Major Elective	M0IE22	Software Design of Embedded Systems	3/3	Computer Course	Major Elective	M0IM14	Practice of Data Center Virtualization	3/3	Computer Course
Major Elective	M0IM03	Cloud Computing Practice	3/3	Computer Course	Major Elective	M0IM18	Artificial Intelligence	3/3	
Major Elective	M0IM16	Big Data Practice	3/3	Computer Course	Major Elective	M0IM25	Application and Software Security	3/3	Computer Course
Major Elective	M0IM24	Practice of Information Security Management System	2/2	Computer Course	Major Elective	M0IN16	Advanced Operating Systems	2/2	
Major Elective	M0IN12	English Technical Writing for Science and Engineer	2/2		Major Elective	M0IN17	Design and Analysis of Computer Algorithms	2/2	Computer Course
Major Elective	M0IN13	Practice of Sensors and Circuits Design	2/2		Major Elective	M0IN18	Advanced Software Engineering	2/2	Computer Course
Major Elective	M0IN14	Advanced Computer Architecture	2/2						
Major Elective	M0IN15	Advanced Database	2/2	Computer Course					
First Semester, Second Year					Second Semester, Second Year				
Course	Course	Course Name	Credits / Hours	Notes	Course	Course	Course Name	Credits / Hours	Notes

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