

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	MOIA11	Seminar(1)	2/2		Major Required	MOIA12	Seminar(2)	2/2							
Major Elective	MOIE15	Image Processing Systems	3/3	Computer Course	Major Elective	MOIE17	Embedded Systems	3/3							
Major Elective	MOIE22	Software Design of Embedded Systems	3/3	Computer Course	Major Elective	MOIM14	Practice of Data Center Virtualization	3/3	Computer Course						
Major Elective	MOIM03	Cloud Computing Practice	3/3	Computer Course	Major Elective	MOIM18	Artificial Intelligence	3/3							
Major Elective	MOIM16	Big Data Practice	3/3	Computer Course	Major Elective	MOIM25	Application and Software Security	3/3	Computer Course						
Major Elective	MOIM24	Practice of Information Security Management System	2/2	Computer Course	Major Elective	MOIN16	Advanced Operating Systems	2/2							
Major Elective	MOIN12	English Technical Writing for Science and Engineer	2/2		Major Elective	MOIN17	Design and Analysis of Computer Algorithms	2/2	Computer Course						
Major Elective	MOIN13	Practice of Sensors and Circuits Design	2/2		Major Elective	MOIN18	Advanced Software Engineering	2/2	Computer Course						
Major Elective	MOIN14	Advanced Computer Architecture	2/2												
Major Elective	MOIN15	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						

