

Department of Industrial Engineering and Management
Curriculum Requirements for Enrollees in the Academic Year 114 (Fall 2025)

Program	Master’s Program for the Day Division								
Group	None								
Class Type	International Student Program								
Special Program	None								
Curriculum Committee	Department Curriculum			114.04.24					
	College Curriculum			114.05.16					
	University Curriculum			114.06.09					
	Academic Affairs			114.06.09					
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	9 Credits			Major Requirements (including Thesis)					
Elective	21 Credits			Major Elective					
Graduation	Course Title			Regulations/Notes					
Thesis	Thesis (6/6)			1.Guidelines for Degree Conferment 2.Regulations for Graduate Degree Examinations 3.Implementation Guidelines for Thesis/Dissertation Review and Quality Assurance Mechanisms 4.Guidelines for the Deferred Public Release Review of Theses and Dissertations					
Other Regulations									
Remarks	"Computer Course" means computer access is required (computer and internet usage fee). Graduation Requirements : 「G07」：Thesis								
First Semester, First Year					Second Semester, First Year				
Course Category	Course Number	Course Name	Credits/Hours	Notes	Course Category	Course Number	Course Name	Credits/Hours	Notes
Major Required	M06403	Advanced Production and Operations Management	3/3		Major Required	M06A02	Seminar(2)	0/2	
Major Required	M06A01	Seminar(1)	0/2		Major Required	M06A05	Research Methods	0/2	
Major Required	M06A16	Volunteer Services and Social Responsibility (1)	0/1		Major Required	M06A17	Volunteer Services and Social Responsibility (2)	0/1	
Major Elective	M06N08	Advanced Quality Management	3/3		Major Elective	M06N13	Inventory Management	3/3	
Major Elective	M06N40	Scheduling Theory and Strategy	3/3		Major Elective	M06N15	Manufacturing Management	3/3	
Major Elective	M06N49	Statistical Data Analysis	3/3		Major Elective	M06N19	Six Sigma	3/3	
Major Elective	M06N52	Project Management Seminar	3/3		Major Elective	M06N28	Performance Evaluation and Management	3/3	
Major Elective	M06N56	International Supply Chain Management	3/3		Major Elective	M06N41	Data mining	3/3	
Major Elective	M06N62	IoT Application	3/3		Major Elective	M06N43	Automatic Production System	3/3	

[illegible]