

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	Regular Class								
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	15 Credits			Major Requirements (including Thesis)					
Elective	15 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 Course Remark : 「T02」 : EMI Courses (English-Medium Instruction) are offered as scheduled during the semester.								
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	M06A32	Seminar(2)	2/2	
Major Required	M06A31	Seminar(1)	2/2		Major Required	M06A33	Research Methods	2/2	
Major Elective	M06N01	Stochastic Models and Applications	3/3		Major Elective	M06N03	Introduction to Fuzzy Theory with Applications	3/3	
Major Elective	M06N05	Advanced Engineering Economy	3/3		Major Elective	M06N09	Design and Analysis of Experiments	3/3	
Major Elective	M06N08	Advanced Quality Management	3/3		Major Elective	M06N13	Inventory Management	3/3	
Major Elective	M06N34	System Simulation	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	M06N55	Operations Research Specoal theory	3/3		Major Elective	M06N28	Performance Evaluation and Management	3/3	

