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

Prog	gram	Master's Program for t	the Da	y Divi	sion							
Group		None										
Class	з Туре	Regular Class										
Special Program		None										
Curriculum Committee		Department Curriculum 114.04.24										
		College Curriculum	114. 05. 16									
		University Curriculum	urriculum 114.06.09									
		Academic Affairs	c 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.										
	Load per ester	departments (or instit	tutes)	. Howe	ever, during	g the first	determined by the respectated academic year, the total ts and not exceed 18 cm	tal nu	mber			
Required a	nd Elective	Credits	Subject Category									
Required		15 Credits	Major Requirements (including Thesis)									
Elective		15 Credits	Major Elective									
Gradu	ation	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 Reg	gulations											
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 S		emester, First Year		Second Semester, First Year								
Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	Course Category	Course Number	Course Name	Cre dit s/ Hou rs	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				

M06N56	International Supply Chain Management	3/3	T02	Major Elective	M06N42	Multi-objective Programming	3/3			
M06N68	Taguchi Method Application	3/3		Major Elective	M06N43	Automatic Production System	3/3			
M06N78	Scheduling Theory and Strategy	3/3		Major Elective	M06N44	Operation Risk Management	3/3			
M06N79	Project Management Seminar	3/3		Major Elective	M06N50	TRIZ Methods	3/3			
M06N80	Human Resource Management Specoal theory	3/3		Major Elective	M06N54	Reliability engineering Special theory	3/3			
M06N81	Marketing Strategy	3/3		Major Elective	M06N57	Human factors engineering Special theory	3/3			
M06N82	Creative Thinking	3/3		Major Elective	M06N70	Consumer Behavior	3/3			
M06N83	Regression Analysis	3/3		Major Elective	M06N71	International Marketing Management	3/3			
M06N64	New Product Development Management	3/3		Major Elective	M06N77	Analytic Hierarchy Process Application	3/3			
				Major Elective	M06N84	Multivariate Statistical Analysis	3/3			
				Major Elective	M06N85	Data mining	3/3			
First Semester, Second Year					Second Semester, Second Year					
Course Number	Course Name	Cre dit s/ Hou rs	Notes	Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes		
				Major	M06B03	Thesis	6/6	G07		
	M06N68 M06N78 M06N79 M06N80 M06N81 M06N82 M06N83 M06N64 First S Course	Chain Management M06N68 Taguchi Method Application M06N78 Scheduling Theory and Strategy M06N79 Project Management Seminar M06N80 Human Resource Management Specoal theory M06N81 Marketing Strategy M06N82 Creative Thinking M06N83 Regression Analysis M06N64 New Product Development Management Management First Semester, Second Year Course Course Name	Chain Management M06N68 Taguchi Method Application M06N78 Scheduling Theory and Strategy M06N79 Project Management Seminar M06N80 Human Resource Management Specoal theory M06N81 Marketing Strategy 3/3 M06N82 Creative Thinking 3/3 M06N83 Regression Analysis 3/3 M06N64 New Product Development Management M06N64 New Product Development Management First Semester, Second Year Course Number Course Name Creditt S/Hou	Chain Management M06N68 Taguchi Method Application M06N78 Scheduling Theory and Strategy M06N79 Project Management Seminar M06N80 Human Resource Management Specoal theory M06N81 Marketing Strategy M06N82 Creative Thinking 3/3 M06N83 Regression Analysis 3/3 M06N64 New Product Development Management M06N64 New Product Development Management M06N64 Course Name Course Number Course Number Course Name Cre dit s/ Hou	Chain Management M06N68 Taguchi Method Application M06N78 Scheduling Theory and Strategy M06N79 Project Management Seminar M06N80 Human Resource Management Specoal theory M06N81 Marketing Strategy M06N82 Creative Thinking M06N83 Regression Analysis M06N64 New Product Development Management M06N64 New Product Development Management Major Elective Course lourse Name Cre dit s/ Hou rs Notes Category	Chain Management	Chain Management M06N68 Taguchi Method Application M06N78 Scheduling Theory and Strategy M06N79 Project Management Seminar M06N80 Human Resource Management Specoal theory M06N81 Marketing Strategy M06N82 Creative Thinking M06N83 Regression Analysis M06N64 New Product Development M06N64 M06N64 New Product Development M06N64 M06N64 New Product Development M06N64 M06N654 Major Elective M06N70 Major Elective M06N71 Major Elective M06N71 Major Elective M06N71 Major Elective M06N71 M0	Chain Management		