Department of Industrial Engineering and Management Curriculum Requirements for Enrollees in the Academic Year 112 (Fall 2023)

Prog	gram	Master's Program for t	the Day	y Divi	sion						
Group		None									
Class Type		Regular Class									
Special Program		None									
		Department Curriculum 112.04.14									
		College Curriculum 112.05.17									
Curriculum	Committee	University Curriculum 112.05.29									
		Academic Affairs 112.05.29									
Graduatio /Study I		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 I Seme		departments (or instit	tutes).	. Howe	ever, during	g the first	determined by the resp academic year, the tot ts and not exceed 18 cm	tal nu	mber		
Required an	nd Elective	Credits	Credits Subject Category								
Required		9 Credits Major Requirements (including Thesis)									
Elec	tive	21 Credits Major Elective									
Other Reg	gulations										
Rema	arks	"Computer Course" mean	ns com	puter	access is 1	required (c	omputer and internet us	sage f	ee).		
	First Se	emester, First Year				Second S	Semester, First Year				
Course Category	Course Number	Course Name	Cre dit s/ Hou rs	Notes	Course Category	Course Number	Course Name	Credit s/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 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	M06N20	Enterprise Management and Analysis	3/3		Major Elective	M06N15	Manufacturing Management	3/3			
Major Elective	M06N23	Marketing Strategy	3/3		Major Elective	M06N19	Six Sigma	3/3			
Major Elective	M06N38	Creative Thinking	3/3		Major Elective	M06N24	Multivariate Statistical Analysis	3/3			
Major Elective	M06N40	Scheduling Theory and Strategy	3/3		Major Elective	M06N28	Performance Evaluation and Management	3/3			
Major Elective	M06N49	Statistical Data Analysis	3/3		Major Elective	M06N41	Data mining	3/3			
Major Elective	M06N51	Seminars of Industrial Management	3/3		Major Elective	M06N42	Multi-objective Programming	3/3			
Major Elective	M06N52	Project Management Seminar	3/3		Major Elective	M06N43	Automatic Production System	3/3			
Major Elective	M06N53	Human Resource Management Specoal theory	3/3		Major Elective	M06N44	Operation Risk Management	3/3			

Mode					_					
		M06N55		3/3			M06N50	TRIZ Methods	3/3	
Monagement Mon		M06N56	International Supply Chain Management	3/3			M06N54	engineering Special	3/3	
Mode Mode New Product Development Management Mode M		M06N69		3/3			M06N57	engineering Special	3/3	
Beautiful Career Beautiful C		M06N64	Development	3/3			M06N69	Seminars of Marketing	3/3	
First Semester, Second Year							M06N70	Consumer Behavior	3/3	
Course Category Course Course Course Category							M06N71		3/3	
Course Category Course Course Course Category Categ		First S	emester. Second Year				Second S	emester. Second Year		
Number	Courage	i	T	0	Notes	· · · · · · · · · · · · · · · · · · ·				
Major MoSh08 Mo			Course Name	dit s/	notes			Course Name	dit s/	notes
Major Required M06A03 Seminar(3) 0/2 Required M06A04 Seminar(4) 0/2										
Major Elective M06N01 Stochastic Models and Applications Applications Major Elective M06N34 System Simulation 3/3 Major Elective M06N34 Major Elective M06N35 Major Elective M06N35 Major Elective M06N35 Major Elective M06N36 Multi-objective Programming M3/3 Multi-objective Programming M06N36 Multi-objective Programming M06N37 Multi-objective Programming M06N38 Multi-objective Programming M06N38 Multi-objective Programming M06N38 Multi-objective Programming M06N38 Multi-objective Programming M06N39 Multi		M06A03	Seminar(3)				M06A04	Seminar(4)		
Major Elective M06N30 Regression Analysis 3/3 Major Elective M06N03 Introduction to Fuzzy 3/3 Theory with Applications Major Elective M06N38 Creative Thinking 3/3 Major Elective M06N38 Creative Thinking 3/3 Major Elective M06N39 Manufacturing M3/3 Major Elective M06N30 Major Elective M06N30 Major Elective M06N30 Major Elective M06N30 Major Elective M3/3	Major	M06N01		3/3		Major	M06B03	Thesis	6/6	
Elective		M06N30	Regression Analysis	3/3			M06N03	Theory with	3/3	
Elective		M06N34	System Simulation	3/3		Major Elective	M06N09		3/3	
Major Elective M06N49 Statistical Data Analysis Manufacturing Manuagement Mo6N5 Operations Research Specoal theory Mo6N15 Six Sigma 3/3 Manufacturing Manuagement Mo6N19 Six Sigma 3/3 Mo6N19 Mo6N19 Mo6N24 Multivariate Mo6N24 Multivariate Mo6N24 Mo6N24 Multivariate Mo6N24 Mo6N24 Multivariate Mo6N24 Mo6N24 Mo6N24 Multivariate Mo6N24 Multi-objective Mo6N24 Mo6N24 Multi-objective Mo6N24 Mo6N24 Multi-objective Mo6N24		M06N38	Creative Thinking	3/3			M06N13	Inventory Management	3/3	
Major Elective Multivariate Statistical Analysis Shecoal theory Major Elective Mo6N24 Multivariate Statistical Analysis Sta	Major	M06N49		3/3		Major	M06N15		3/3	
Elective Application Major Elective Mo6N28 Performance Evaluation and Management		M06N55		3/3			M06N19	Six Sigma	3/3	
Elective Evaluation and Management Major Elective M06N41 Data mining 3/3 Major Elective M06N42 Multi-objective Programming M06N43 Automatic Production System Major Elective M06N44 Operation Risk Management Major Elective M06N50 TRIZ Methods 3/3 Major Elective M06N54 Reliability engineering Special theory Major Elective M06N57 Human factors engineering Special theory Major Elective M06N50 Consumer Behavior 3/3 Major Elective M06N70 Consumer Behavior 3/3 Major Elective M06N71 International Marketing Management Major Major M06N77 Analytic Hierarchy 3/3 Major Major M06N77 Analytic Hierarchy 3/3	Major Elective	M06N68		3/3			M06N24		3/3	
Major Elective M06N42 Multi-objective Programming 3/3 Major Elective M06N43 Automatic Production System 3/3 Major Elective M06N44 Operation Risk Management 3/3 Major Elective M06N50 TRIZ Methods 3/3 Major Elective M06N54 Reliability engineering Special theory 3/3 Major Elective M06N57 Human factors engineering Special theory M06N57 Major Elective M06N69 Seminars of Marketing M06N59 M06N70 Consumer Behavior 3/3 Major Elective M06N70 International Marketing Management M06N71 International Marketing Management M06N71 M06N77							M06N28	Evaluation and		
Elective Mo6N43 Automatic Production 3/3 System Major Elective Mo6N50 TRIZ Methods 3/3 Management Major Elective Mo6N54 Reliability engineering Special theory Major Elective Mo6N57 Human factors engineering Special theory Major Elective Mo6N69 Seminars of Marketing 3/3 Management Major Elective Mo6N70 Consumer Behavior 3/3 Major Elective Mo6N70 International Major Elective Mo6N71 International Marketing Management Major Major Mo6N71 International Marketing Management Major Major Mo6N77 Analytic Hierarchy 3/3							M06N41	Data mining	3/3	
Blective System						Major Elective	M06N42		3/3	
Elective Management Major Elective Management Major Major Elective Major Major Major Management Major Management Major Management Major Management Major Management Major Ma						Elective	M06N43	System		
Major Elective Major Elective Mo6N57 Major Elective Mo6N57 Major Elective Mo6N69 Major Elective Mo6N69 Major Elective Mo6N70 Major Elective Mo6N71 Major Mo6N71 Major Elective Mo6N77 Major Mo6N77 Major Mo6N77 Major Elective Mo6N77 Major Mo6N77 Major Elective Mo6N77 Major Moff Major Moff Major Moff Major Moff Major Moff Major Moff Major Moff						Elective		Management		
Elective Elective Engineering Special theory Major Elective M06N57 Human factors engineering Special theory Major Elective M06N69 Seminars of Marketing 3/3 Management Major Elective M06N70 Consumer Behavior 3/3 Major Elective M06N71 International Marketing Management Major M06N77 Analytic Hierarchy 3/3						Major Elective	M06N50	TRIZ Methods	3/3	
Elective engineering Special theory Major Elective M06N69 Seminars of Marketing 3/3 Management Major Elective M06N70 Consumer Behavior 3/3 Major Elective M06N71 International Marketing Management Major M06N77 Analytic Hierarchy 3/3						Major Elective	M06N54	engineering Special	3/3	
Elective Management Management 3/3 Major Elective M06N70 Consumer Behavior 3/3 Major Elective M06N71 International Marketing Management Major Mo6N77 Analytic Hierarchy 3/3							M06N57	engineering Special	3/3	
Major Elective M06N71 International 3/3 Marketing Management Major Mofor M06N77 Analytic Hierarchy 3/3							M06N69		3/3	
Elective Marketing Management Major M06N77 Analytic Hierarchy 3/3						Elective	M06N70	Consumer Behavior		
						Major Elective	M06N71			
						Major Elective	M06N77	Analytic Hierarchy Process Application	3/3	