

**MUST Curriculum Planning for Graduate Students for Academic Year 2023-2024,  
Institute of Industrial Engineering and Management**

1 <sup>st</sup> year(112)						2 <sup>nd</sup> year(113)						
	Course	1 <sup>st</sup> semester		2 <sup>nd</sup> semester			Course	1 <sup>st</sup> semester		2 <sup>nd</sup> semester		
		Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.	
MUST Core Required Courses						MUST Core Required Courses						
	<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
compulsory courses	Research Method and Seminar Discussion	3	3			compulsory courses	Thesis	3	3	3	3	
	Advanced Technical English			3	3							
	<b>Subtotal</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>		<b>Subtotal</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	
Elective Courses	Theory of Constraints and Practices	3	3			Elective Courses						
	Life Cycle Assessment	3	3									
	Reliability Engineering	3	3									
	New Product Design and Management	3	3									
	Green Design and Circular Thinking	3	3									
	Greenhouse Gases Management and	3	3									
	Strategies for Sustainable	3	3									
	Product Carbon Footprint			3	3							
	Lean Production System			3	3							
	6σ Quality Engineering Managemen			3	3							
	Management & Performance Evaluatio			3	3							
	Analytical Hierarchy Process and Applications			3	3							
	Theory and Practice of Enterprise Resource Planning			3	3							
	Organization Theory and Design			3	3							
Simulation Analysis & Applications			3	3								

Cr./hr.=Credit/hour

Remarks:

1. Minimum graduation credits: \_30\_ credits; compulsory credits: \_12\_ credits, electives: \_18\_ credits (elective credits include inter-departmental elective credits).
2. Study credits per semester: the lower limit is 1 credit.
3. The department allows inter-departmental electives, but the credits of the department's major electives cannot be \_9\_ credits.
4. All 6 thesis credits will be granted only after passing the oral exam.
5. In order to graduate, each graduate student must take at least one or more all-English courses amounting to at least 2 credits.
6. The elective courses are subject to change if necessary.