

MUST Curriculum Planning for Graduate Students for Academic Year 2025-2026,
Institute of Precision Mechatronics Engineering

1 st year(114)						2 nd year(115)					
	Course	1 st semester		2 nd semester			Course	1 st semester		2 nd semester	
		Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.
MUST Core Required Courses	Seminar	1	2	1	2	MUST Core Required Courses					
	Research Methodo and Thesis Writing	1	2								
	Subtotal	2	4	1	2		Subtotal	0	0	0	0
compulsory courses						compulsory courses	Thesis	3	3	3	3
	Subtotal	0	0	0	0		Subtotal	3	3	3	3
Elective Courses	Precision Machine Design (I)	3		3		Elective Courses	Welding Metallurgy	3		3	
	Introduction to Robotics	3		3			Introduction to Artificial Intelligence	3		3	
	Finite Element Method and Engineering Application	3		3			Plastics Injection Molding Technology	3		3	
	3D Reverse Rapid Design	3		3			Taguchi Quality Engineering	3		3	
	Materials Design and Selection	3		3			Precision Machine Design(II)	3		3	
	Special Topics of Semiconductor Technology	3		3			Computer-Aided Engineering - Case Study	3		3	
	Intelligent Mechatronics and Industrial Internet of Things	3		3			Metallurgy and properties of Mechanical	3		3	
	Laser Technology and Application	3		3			3D Printing Technology	3		3	
	Practice of Computer Control System	3		3			Advanced Introduction of Metal Forming Processes	3		3	
	Internship Practical Training(I)	9		9			Green technology and engineering	3		3	
							Internship Practical Training(II)	9		9	

Cr./hr.=Credit/hour

Remarks:

- 1.Minimum graduation credits: 30 credits; compulsory credits: 9 credits, electives: 21 credits (elective credits include inter-departmental elective 6 credits).
- 2.Study credits per semester: the lower limit is 1 credit.
- 3.Students of this institute must obtain at least two full English course credit (more than 6 credits) before they can graduate.
- 4.All 6 thesis credits will be granted only after passing the oral exam.
- 5.Internship(I) and Internship(II) not included in elective credits.
- 6.The elective courses are subject to change if necessary.
- 7.This form created in 2025/2/17.

