

Industrial and Manufacturing Engineering Department
Manufacturing Engineering Major
Curriculum Year: 2010-2011

Your department has developed this road plan, taking into account prerequisites and schedule restrictions.

You should pay attention to these concerns when deviating from this plan.

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	MFE 126/126L Major Support	3	CHM 122/122L Major Support	4	IME 239 Major Core	3	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i> <i>MAT 114, PHY 121/131L, PHY 132L, EGR 402, and EGR 403 satisfy both major and general education requirements.</i> <i>One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D3, and E.</i>
	IME 112 Major Core	3	MAT 115 Major Support	4	IME 113/113L Major Core	3	
	CHM 121/121L Major Support	4	PHY 131/131L GE Area B2	4	MAT 116 Major Support	4	
	MAT 114 GE Area B1	4	MFE 226/L Major Core	3	PHY 132L GE Area B2	1	
					PHY 132 Major Support	3	
	ENG 104 GE Area A2	4			GE Area Any approved course in area C1-3, D3, or E	4	
	Total Units	18	Total Units	19	Total Units	18	
	Total Units for Year					52	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment			
	MFE 217/217L Major Core	3	MFE 230/230L Major Core	3	MFE 221/221L Major Core	3				
	MAT 214 Major Support	3	MAT 215 Major Support	3	ME 218 Major Support	3				
	ME 214 Major Support	3	MFE 226/226L Major Core	3	MAT 224 Major Support	4				
	PHY 133/133L Major Support	4	IME 301 Major Core	3	GE Area Any approved course in area A3.	4				
			ME 215 Major Support	4						
	PLS 201 GE Area D1a	4			HST 202 GE Area D1b	4				
	Total Units		17	Total Units		17		Total Units		18
	Total Units for Year							52		

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	IME 312 Major Support	3	IME 326 Major Core	3	ECE 231/L Major Support	4	
	MFE 320/L Major Core	4	MFE 375/L Major Core	4	GE Area Any approved course in area B3	3	
	MFE 250/250L Major Core	3	MFE 326/326L Major Core	3	GE Area Any approved course in area C1-3, D3, or E	4	
	EC 201 or 202 GE Area D2	4	GE Area Any approved course in area A1-3, B3, C1-3, D3, or E	4	EGR 403 GE Area D4	4	
	GE Area Any approved course in area A2	4					
	Take the Graduation Writing Test						
	Total Units	18	Total Units	14	Total Units	15	
	Total Units for Year					47	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	MFE 465 Major Core	3	IME 331/L Major Core	4	Mfg Elective Major Core	4	Department approval required for selection of GE Synthesis Area B4.
	IME 460 Major Support	1	MFE 450/450L Major Core	4	IME 472 or IME 462 Major Core	3	All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.
	ME 311 or 301 Major Support	3	IE 429/L Major Core	4	MFE 476/476L Major Core	4	
	IME 415/L Major Core	4	IME 471 or IME 461 Major Core	2	GE Synthesis GE Area B4	4	
	EGR 402 GE Area C4	4					
			Request a graduation check		File an application for graduation		
	Total Units	15	Total Units	14	Total Units	15	
	Total Units for Year						44

Total Units on Plan	198	
Major Core Units	75-76	
Major Support Units	54-55	
General Education Units	68	
Unrestricted Elective Units	0	