

Industrial and Manufacturing Engineering Department
Manufacturing Engineering Major
Curriculum Year: 2014-2015

*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/L Major Support	3	CHM 122/L 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>
	IME 112 Major Core	3	MAT 115 Major Support	4	IME 113/L Major Core	3	
	CHM 121/L Major Support	4	MFE 226/L GE Area B2	3	MAT 116 Major Support	4	
	MAT 114 GE Area B4	4	PHY 131/L GE Area B1/B3	4	PHY 132L GE Area B3	1	<i>One course must be completed in each of the GE areas A1, A3, B1-3, C1-3, D3, and E.</i>
					PHY 132 Major Support	3	
	ENG 110 GE Area A2	4	GE Area Any approved course in area E	4	GE Area Any approved course in area C1-3, D3	4	
Total Units	18	Total Units	19	Total Units	18		
					Total Units for Year	55	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	MFE 217/217L Major Core	3	MFE 230/L Major Core	3	MFE 221/221L Major Core	3	
	MAT 214 Major Support	3	MAT 215 Major Support	3	MAT 224 Major Support	3	
	ME 214 Major Support	3	ME 218 Major Support	3	GE Area Any approved course in area A3.	4	
	PHY 133/L Major Support	4	ME 215 Major Support	4	HST 202 GE Area D1b	4	
			GE Area Any approved course in area C1-3, D3	4			
	PLS 201 GE Area D1a	4					
Total Units	17	Total Units	17	Total Units	15		
					Total Units for Year	49	

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	
	IME 224/L Major Core	4	MFE 375/L Major Core	4	GE Area Any approved course in area B2	3	
	MFE 380/L Major Core	3	MFE 326/L Major Core	3	GE Area Any approved course in area C1-3, D3	4	
	EC 201 or 202 GE Area D2	4	GE Area Any approved course in area C1-3, D3	4	EGR 403 GE Area D4	4	
			GE Area Any approved course in area A1	4			
	<i>Take the Graduation Writing Test</i>						
Total Units	13	Total Units	18	Total Units	15		
Total Units for Year						46	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	MFE 465 Major Core	3	IME 331/L Major Core	4	Mfg Elective Major Core	2-3	<i>Department approval required for selection of GE Synthesis Area B4.</i>
	IME 460 Major Support	1	MFE 450/L Major Core	4	EGR 482 GE Synthesis, Area B5	2	<i>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.</i>
	ME 311 or 301 Major Support	3-4	IE 429/L Major Core	4	MFE 476/L Major Core	4	
	IME 415/L Major Core	4	EGR 481 GE Synthesis, Area B5	2			<i>Manufacturing Electives must be selected with advisor approval.</i>
	EGR 402 GE Area C4	4					
				<i>Request a graduation check</i>		<i>File an application for graduation</i>	
Total Units	15-16	Total Units	14	Total Units	8-9		
Total Units for Year						38	

Total Units on Plan	188
Major Core Units	71-72
Major Support Units	54-55
General Education Units	68
Unrestricted Elective Units	0