

Industrial and Manufacturing Engineering Department
Manufacturing Engineering Major
Curriculum Year: 2017-2018

*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 Major Core	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 A2-3, B1-3, C1-3, D3, and E.</i>	
					PHY 132 Major Support	3		
	ENG 104 GE Area A2	4	EGR 100 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/L Major Core	3	MFE 230/L Major Core	3	MFE 221/L Major Core	3	
	MAT 214 Major Support	3	MAT 215 Major Support	3			
	ME 214 Major Support	3	ME 218 Major Support	3	MAT 224 Major Support	4	
	PHY 133/L Major Support	4	ME 215 Major Support	4	GE Area Any approved course in area A3	4	
	PLS 201 GE Area D1a	4	GE Area Any approved course in area C1-3, D3	4	HST 202 GE Area D1b	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 314/L Major Core	4	IME 326 Major Core	3			
	IME 224/L Major Core	4	MFE 375/L Major Core	4	ECE 231/L Major Support	4	
	MFE 380/L Major Core	2	MFE 326/L Major Core	3	GE Area Any approved course in area B3	3	
	EC 201 or 202 GE Area D2	4	GE Area Any approved course in area C1-3, D3	4	IME 403 GE Area D4	4	
	MFE 250/L Major Core	3	GE Area Any approved course in area A1	4	GE Area Any approved course in area C1-3, D3	4	
	<i>Take the Graduation Writing Test</i>						
Total Units	17	Total Units	18	Total Units	15		
					Total Units for Year	50	

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 Core	1	MFE 450/L Major Core	4	EGR 482 Ge Area B5	2	
	IME 415/L Major Core	4	IE 429/L Major Core	4	MFE 476/L Major Core	4	<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	EGR 481 GE Area B5	2	GE Synthesis GE Area B4	4	
	IME 402 GE Area C4	4	Mfg Elective Major Core	2-3			
			<i>Request a graduation check</i>		<i>File an application for graduation</i>		
Total Units	15	Total Units	16-17	Total Units	12-13		
					Total Units for Year	45	

Total Units on Plan	194
Major Core Units	75-76
Major Support Units	54-55
General Education Units	68
Unrestricted Elective Units	0