

**Industrial and Manufacturing Engineering Department**  
**Manufacturing Engineering Major**  
**Curriculum Year: 2015-2016**

*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
	<b>MFE 126/L</b> Major Core	3	<b>CHM 122/L</b> Major Support	4	<b>IME 239</b> Major Core	3	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i>
	<b>IME 112</b> Major Core	3	<b>MAT 115</b> Major Core	4	<b>IME 113/L</b> Major Core	3	
	<b>CHM 121/L</b> Major Support	4	<b>MFE 226/L</b> Major Core	3	<b>MAT 116</b> Major Core	4	<i>MAT 114, PHY 121/131L, PHY 132L, EGR 402, and EGR 403 satisfy both major and general education requirements.</i>
	<b>MAT 114</b> GE Area B4	4	<b>PHY 131/L</b> GE Area B1/B3	4	<b>PHY 132/L</b> Major Core	4	
	<b>ENG 110</b> GE Area A2	4	<b>EGR 100</b> GE Area E	4	<b>GE Area</b> Any approved course in area C1-3, D3	4	
<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>19</b>	<b>Total Units</b>	<b>18</b>		
<b>Total Units for Year</b>						<b>55</b>	

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

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	IME 314/L Major Core	4	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 C1-3, D3	4	
	MFE 380/L Major Core	2	MFE 326/L Major Core	3	GE Area Any approved course in area B2/B3	4	
	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			
	<i>Take the Graduation Writing Test</i>						
<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>16</b>		
					<b>Total Units for Year</b>	<b>51</b>	

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			
	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>	
<b>Total Units</b>	<b>15</b>	<b>Total Units</b>	<b>16-17</b>	<b>Total Units</b>	<b>12-13</b>		
					<b>Total Units for Year</b>	<b>45</b>	

<b>Total Units on Plan</b>	<b>194</b>
Major Core Units	101-102
Major Support Units	25
General Education Units	68
Unrestricted Elective Units	0