



**Industrial and Manufacturing Engineering Department**  
**Industrial Engineering Major**  
**Curriculum Year: 2006-2007**

*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 126/126L</b> Major Support	3	<b>MFE 201/201L</b> Major Core	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>CHM 122/122L</b> Major Support	4	<b>IME 113/113L</b> Major Core	3	
	<b>CHM 121/121L</b> Major Support	4	<b>MAT 115</b> Major Support	4	<b>MAT 116</b> Major Support	4	<i>One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D3, and E.</i>
	<b>MAT 114</b> GE Area B1	4	<b>PHY 131/131L</b> GE Area B2	4	<b>PHY 132L</b> GE Area B2	1	
	<b>ENG 104</b> GE Area A1	4			<b>PHY 132</b> Major Support	3	
					<b>HST 202</b> GE Area D1b	4	
<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>18</b>		
<b>Total Units for Year</b>						<b>52</b>	

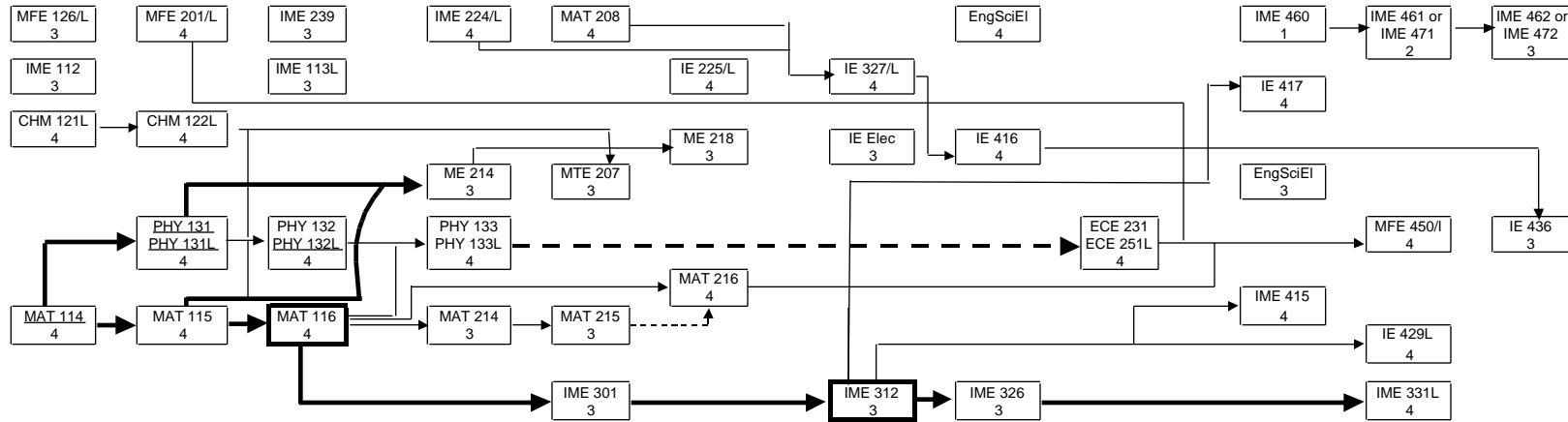
Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>IE 225/225L</b> Major Core	4	<b>MAT 208</b> Major Support	4	<b>IME 312</b> Major Support	3	
	<b>MAT 214</b> Major Support	3	<b>MAT 215</b> Major Support	3	<b>ME 218</b> Major Support	3	
	<b>ME 214</b> Major Support	3	<b>MTE 207</b> Major Support	3	<b>MAT 216</b> Major Support	4	
	<b>PHY 133/133L</b> Major Support	4	<b>IME 224/224L</b> Major Core	4	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	
			<b>IME 301</b> Major Core	3			
<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>14</b>		
<b>Total Units for Year</b>						<b>45</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>IE 327/327L</b> Major Core	4	<b>IME 326</b> Major Core	3	<b>IME 331/331L</b> Major Core	4	<i>Industrial Engineering electives must be selected from the approved department list.</i>
	<b>ECE 231/251L</b> Major Support	4	<b>EGR Science Elective</b> Major Support	3	<b>Industrial EGR Elective</b> Major Core	3	
	<b>EGR Science Elective</b> Major Support	4	<b>EC 201 or 202</b> GE Area D2	4	<b>EGR 403</b> GE Area D4	4	
	<b>PLS 201</b> GE Area D1a	4	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	
	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	3			<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	
	<i>Take the Graduation Writing Test</i>						
<b>Total Units</b>	<b>19</b>	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>19</b>		
					<b>Total Units for Year</b>	<b>52</b>	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>IE 416</b> Major Core	4	<b>IE 417</b> Major Core	4	<b>IE 436/436L</b> Major Core	3	<i>Department approval required for selection of GE Synthesis Area B4.</i>  <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>
	<b>IME 460</b> Major Support	1	<b>IE 429/429L</b> Major Core	4	<b>IME 415/415L</b> Major Core	4	
	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	<b>IME 471 or IME 461</b> Major Core	2	<b>IME 472 or IME 462</b> Major Core	3	
	<b>GE Synthesis</b> GE Area B4	4	<b>MFE 450/450L</b> Major Support	4	<b>EGR 402</b> GE Area C4	4	
			<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	<b>GE Area</b> Any approved course in area A2-3, B3, C1-3, D3, or E	4	
			<i>Request a graduation check</i>		<i>File an application for graduation</i>		
<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>18</b>		
					<b>Total Units for Year</b>	<b>49</b>	

<b>Total Units on Plan</b>	<b>198</b>
<b>Major Core Units</b>	62
<b>Major Support Units</b>	68
<b>General Education Units</b>	68
<b>Unrestricted Elective Units</b>	0

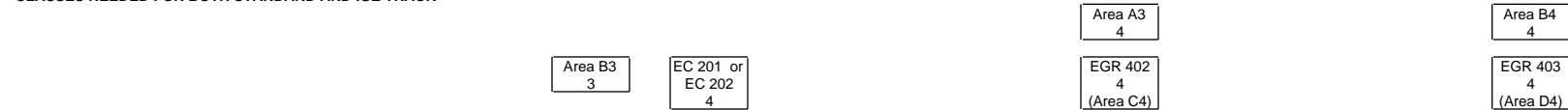
**MAJOR AND SUPPORT TRACK**



**GENERAL EDUCATION IGE TRACK**



**CLASSES NEEDED FOR BOTH STANDARD AND IGE TRACK**



**STANDARD GENERAL EDUCATION TRACK**



18                      20                      18                      18                      16                      19                      18                      15                      16                      12                      14                      14

Notes:

Important Deadlines:

- GWT Must be taken by
- Evaluation must be done by
- Apply to graduation by

Total Units: 198

Students in the IGE general education program take all classes above this line - - - - -

Students in the Standard general education program take all classes below this line - - - - -

To optimize your schedule, follow the critical path (dark lines) and take courses in black boxes as soon as possible.

**Arrows indicate prerequisites, dashed lines indicate recommended sequences**

Try to balance workload to the level of units you can handle per quarter, and in the proper mix of difficulty for you.

Note that most MFE courses and many IME courses are offered only once a year

In general, try to take only one MATH or ME course at a time

Underlined courses satisfy both GE and Major requirement