

**Mechanical Engineering Department**  
**Mechanical Engineering Major**  
**Curriculum Year: 2015-2016**

*Your department has developed this road plan, taking into account prerequisites and course availability.  
This is only a guideline for selection of courses based on a four year plan.*

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>ME 100L</b> Major Core	1	<b>MAT 115</b> Major Core	4	<b>MAT 116</b> Major Core	4	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i>
	<b>MFE 126/126L</b> Major Support	3	<b>ME 232</b> Major Core	2	<b>ME 232A</b> Major Core	1	
	<b>CHM 121/121L</b> GE Area B1	4	<b>MFE 201/201L</b> Major Support	4	<b>PHY 131</b> Major Support	3	<i>MAT 114, CHM 121/121L, and PHY 131L satisfy both general education requirements &amp; those of required support courses.</i>
	<b>ENG 110</b> GE Area A2	4	<b>COM 204</b> GE Area A1	4	<b>GE Area C1</b> Any approved course in area.	4	
	<b>MAT 114</b> GE Area B4	4	<b>GE Area E</b> EGR 100	3	<b>GE Area E</b> EGR 100L	1	
					<b>PHY 131L</b> GE Area B3	1	<i>One course must be completed in each of the GE areas A1-A3, B1-B4, C1-C3, D1-D3, and E.</i>
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>14</b>		
					<b>Total Units for Year</b>	<b>47</b>	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>MAT 214</b> Major Core	3	<b>MAT 215</b> Major Core	3	<b>MAT 224</b> Major Core	4	<i>Take the <b>Graduation Writing Test (GWT)</b> as soon as you have accumulated 90 units.</i>
	<b>ME 214/224L</b> Major Core	4	<b>PHY 133/133L</b> Major Core	4	<b>ME 215</b> Major Core	4	
	<b>GE Area B2</b> BIO 110 (Recommended) Lab not required	3	<b>ME 218</b> Major Core	3	<b>ME 219</b> Major Core	3	
	<b>PLS 201 or HST 202</b> GE Area D1a	4	<b>ME 233/233L</b> Major Core	4	<b>ENG 105 or PHL 202</b> GE Area A3	4	
			<b>PLS 201 or HST 202</b> GE Area D1b	4	<b>GE Area D3</b> Any approved course in area.	4	
	<b>Total Units</b>	<b>14</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>19</b>	
					<b>Total Units for Year</b>	<b>51</b>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Commen
	<b>ME 301</b> Major Core	4	<b>ME 311</b> Major Core	3	<b>ME 312</b> Major Core	3	
	<b>ME 316</b> Major Core	3	<b>ME 302</b> Major Core	4	<b>ME 313L</b> Major Core	1	
	<b>ME 220L</b> Major Core	1	<b>ME 315</b> Major Core	4	<b>ME 340</b> Major Core	3	
	<b>ECE 231/231L</b> Major Support	4	<b>ME 319</b> Major Core	4	<b>ME 350L</b> Major Core	1	
	<b>EC 201 or 202</b> GE Area D2	4	<b>GE Area C2</b> Any approved course in area.	4	<b>ME 325/325L</b> Major Core	4	
					<b>GE Area C3</b> Any approved course in area.	4	
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>19</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	Commen
	<b>ME 415</b> Major Core	4	<b>Tech Elect. Req'd Emph.</b> Major Core	4	<b>Tech Elect. Req'd Emph.</b> Major Core	4	<i>Required Technical Emphasis courses must be selected from the departmental list with the approval of your advisor.</i>
	<b>ME 435/435L</b> Major Core	4	<b>ME 418/418L or ME 427*</b> Major Core	4	<b>Tech Elect. Req'd Emph.</b> Major Core	4	
	<b>ME 330A</b> Major Core	1	<b>ME 439/439L</b> Major Core	4	<b>IME 403</b> GE Area D4	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>
	<b>IME 402</b> GE Area C4	4	<b>ME 406/406A</b> Major Core	4	<b>EGR 482</b> GE Area B5	2	
			<b>EGR 481</b> GE Area B5	2	<i>File an application for graduation</i>		<i>All 300 level core courses must be successfully completed before you take EGR 481 &amp; EGR 482 for senior project.</i>
<b>Total Units</b>	<b>13</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>14</b>		
					<b>Total Units for Year</b>	<b>45</b>	<i>* Either ME 418/L or ME 427 must be used for core. The remaining one may be used for technical</i>

<b>Total Units on Plan</b>	<b>194</b>	<i>39 support units include 25 GE double counts.</i>
<b>Major Core Units</b>	<b>112</b>	
<b>Major Support Units</b>	<b>39</b>	
<b>General Education Units</b>	<b>68</b>	