

**Mechanical Engineering Department  
Mechanical Engineering Major  
Curriculum Year: 2012-2013**

*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>PHY 131/131L</b> Major Core	4	
	<b>CHM 121/121L</b> GE Area B1	4	<b>CHM 122</b> Major Support	3	<b>MFE 201/201L</b> Major Support	4	<i>MAT 114, CHM 121/121L, and CHM 122L satisfy both general education requirements &amp; those of required support courses.</i>
	<b>ENG 104</b> GE Area A2	4	<b>COM 204</b> GE Area A1	4	<b>GE Area C2</b> Any approved course in area.	4	
	<b>MAT 114</b> GE Area B4	4	<b>CHM 122L</b> GE area B3	1	<b>GE Area E (Continued)</b> EGR 100L	1	<i>One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D1-D3, and E.</i>
			<b>GE Area E</b> EGR 100	3	<b>ME 232A</b> Major Core	1	
	<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>17</b>	<b>Total Units</b>	<b>18</b>	
					<b>Total Units for Year</b>	<b>51</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 Graduation Writing Test 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 A3</b> <b>ENG 105 or PHL 202</b>	4	<b>ME 218</b> Major Core	3	<b>ME 219</b> Major Core	3	
	<b>GE Area B2</b> BIO 110 (Recommended) Lab not required	3	<b>ME 233/233L</b> Major Core	4	<b>GE Area C3</b>	4	
			<b>GE Area D3</b> Any approved course in area.	4	<b>GE Area C1</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>	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	<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>PLS 201 or HST 202</b> GE Area D1a	4	<b>PLS 201 or HST 202</b> GE Area D1b	4	<b>ME 325/325L</b> Major Core	4	
					<b>ME 330A</b> Major Core	1	
<b>Total Units</b>	<b>16</b>	<b>Total Units</b>	<b>19</b>	<b>Total Units</b>	<b>13</b>		
					<b>Total Units for Year</b>	<b>48</b>	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	<b>ME 415</b> Major Core	4	<b>Tech Elect. Reqrd Emph.</b> Major Core	4	<b>Tech Elect. Reqrd 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 439/439L</b> Major Core	4	<b>ME 418/418L or ME 427</b> Major Core	4	<b>Tech Elect. Reqrd Emph.</b> Major Core	4	
			<b>ME 435/435L</b> Major Core	4	<b>EGR 403</b> GE Area D4	4	
	<b>EC 201 or 202</b> GE Area D2	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	<b>EGR 402</b> GE Area C4	4	
					<i>File an application for graduation</i>		
<b>Total Units</b>	<b>12</b>	<b>Total Units</b>	<b>18</b>	<b>Total Units</b>	<b>18</b>		
					<b>Total Units for Year</b>	<b>48</b>	

<b>Total Units on Plan</b>	<b>198</b>	<i>39 support units include 25 GE double counts.</i>
<b>Major Core Units</b>	<b>116</b>	
<b>Major Support Units</b>	<b>39</b>	
<b>General Education Units</b>	<b>68</b>	