

**Mechanical Engineering Department
Mechanical Engineering Major
Curriculum Year: 2014-2015**

*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
	ME 100L Major Core	1	MAT 115 Major Core	4	MAT 116 Major Core	4	<i>Students in this major are expected to maintain a GPA of at least 2.00 in all core courses.</i> <i>MAT 114, CHM 121/121L, and CHM 122L satisfy both general education requirements & those of required support courses.</i> <i>One course must be completed in each of the GE areas A1-A3, B1-B4, C1-C3, D1-D3, and E.</i>
	MFE 126/126L Major Support	3	ME 232 Major Core	2	ME 232A Major Core	1	
	CHM 121/121L GE Area B1/B3	4	MFE 201/201L Major Support	4	PHY 131 Major Support	3	
	ENG 110 GE Area A2	4	COM 204 GE Area A1	4	GE Area C1 Any approved course in area.	4	
	MAT 114 GE Area B4	4	GE Area E EGR 100	3	GE Area E EGR 100L	1	
					PHY 131L GE Area B3	1	
Total Units	16	Total Units	17	Total Units	14		
Total Units for Year					47		

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

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	ME 301 Major Core	4	ME 311 Major Core	3	ME 312 Major Core	3	
	ME 316 Major Core	3	ME 302 Major Core	4	ME 313L Major Core	1	
	ME 220L Major Core	1	ME 315 Major Core	4	ME 340 Major Core	3	
	ECE 231/231L Major Support	4	ME 319 Major Core	4	ME 350L Major Core	1	
	EC 201 or 202 GE Area D2	4	GE Area C2 Any approved course in area.	4	ME 325/325L Major Core	4	
					GE Area C3 Any approved course in area.	4	
	Total Units	16	Total Units	19	Total Units	16	Total Units for Year

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	ME 415 Major Core	4	Tech Elect. Reqrd Emph. Major Core	4	Tech Elect. Reqrd Emph. Major Core	4	<i>Required Technical Emphasis courses must be selected from the departmental list with the approval of your advisor.</i>
	ME 435/435L Major Core	4	ME 418/418L or ME 427* Major Core	4	Tech Elect. Reqrd Emph. 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 330A Major Core	1	ME 439/439L Major Core	4	IME 403 GE Area D4	4	
	IME 402 GE Area C4	4	ME 406/406A Major Core	4	EGR 482 GE Area B5	2	<i>All 300 level core courses must be successfully completed before you take EGR 481 & EGR 482 for senior project.</i>
			EGR 481 GE Area B5	2	EGR 402 GE Area C4	4	
					<i>File an application for graduation</i>		
	Total Units	12	Total Units	18	Total Units	18	<i>*Either ME 418/L or ME 427 must be used for core. The remaining one may be used for technical</i>
Total Units for Year						48	

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