

**Mechanical Engineering Department
Mechanical Engineering Major
Curriculum Year: 2011-2012**

*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. MAT 114, CHM 121/121L, and CHM 122L satisfy both general education requirements & those of required support courses. One course must be completed in each of the GE areas A2-3, B1-3, C1-3, D1-3, and E.</i>
	MFE 126/126L Major Support	3	ME 232 Major Core	2	PHY 131/131L Major Core	4	
	CHM 121/121L GE Area B1	4	CHM 122 Major Support	3	MFE 201/201L Major Support	4	
	ENG 104 GE Area A2	4	COM 204 GE Area A1	4	GE Area C2 Any approved course in area.	4	
	MAT 114 GE Area B4	4	CHM 122L GE area B3	1	GE Area E (Continued) EGR 100L	1	
			GE Area E EGR 100	3	ME 232A Major Core	1	
Total Units	16	Total Units	17	Total Units	18		
Total Units for Year						51	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	MAT 214 Major Core	3	MAT 215 Major Core	3	MAT 224 Major Core	4	
	ME 214/224L Major Core	4	PHY 133/133L Major Core	4	ME 215 Major Core	4	
	GE Area A3 ENG 105 or PHL 202	4	ME 218 Major Core	3	ME 219 Major Core	3	
	GE Area B2 BIO 110 (Recommended) Lab not required	3	ME 233/233L Major Core	4	GE Area C3 Any approved course in area.	4	
			GE Area D3 Any approved course in area.	4	GE Area C1 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	
	PLS 201 or HST 202 GE Area D1a	4	PLS 201 or HST 202 GE Area D1b	4	ME 325/325L Major Core	4	
	<i>Take the Graduation Writing Test</i>				ME 499A Major Core	1	
Total Units	16	Total Units	19	Total Units	13		
					Total Units for Year	48	

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	ME 415 Major Core	4	Tech Elect. Reqr'd Emph. Major Core	4	Tech Elect. Reqr'd Emph. Major Core	4	<i>Required Technical Emphasis courses must be selected from the departmental list with the approval of your advisor.</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>
	ME 439/439L Major Core	4	ME 418/418L or ME 427 Major Core	4	Tech Elect. Reqr'd Emph. Major Core	4	
	EC 201 or 202 GE Area D2	4	ME 435/435L Major Core	4	EGR 403 GE Area D4	4	
			ME 406/406A Major Core	4	EGR 482 GE Area B5	2	
			EGR 481 GE Area B5	2	EGR 402 GE Area C4	4	
				<i>Request a graduation check</i>		<i>File an application for graduation</i>	
Total Units	12	Total Units	18	Total Units	18		
					Total Units for Year	48	

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