MECHANICAL ENGINEERING 2016-17

		Units	Units
PREPARATION FOR THE		76	UNIVERSITY REQUIREMENTS
CHEM 1A, 1AL, 1B, 1BL or 2	2A, 2AC, 2B, 2BC	10	American History and Institutions – (one 4-unit course, may be
ENGR 3		3	counted as G.E. if selected from approved list)
MATH 3A-B, 4A-B, 6A-B		24	
ME 6			
ME 10			UC Entry Level Requirement: English Composition
ME 14			Must be fulfilled within three quarters of matriculation
ME 15			Must be juijited within three quarters of matriculation
ME 16			Satisfied by:
ME 17			
PHYS 1, 2, 3, 3L, 4, 4L			GENERAL EDUCATION
Fn 1 S 1, 2, 3, 3L, 4, 4L	•••••	10	
LIDDED DIVICION MATO		70	General Subject Areas
UPPER DIVISION MAJO	<u>K</u>	70	 Area A: English Reading & Comprehension – (2 courses required)
Third Year			
MATRL 101 or MATRL 100B			A-1:A-2:
ME 104			
ME 105			Areas D & E: Social Sciences, Culture and Thought
ME 140A			(2 courses minimum)
ME 151A-B-C		11	(2 courses minimum)
ME 152A-B			Areas F & G: The Arts, Literature
ME 153		3	(2 courses minimum)
ME 155A		3	(2 courses minimum)
ME 163			
* see note on next page			2 - 11'4'1 Grand America D. F. F. C H.
Fourth Year			2 additional courses from Areas D, E, F, G, or H
ME 154		3	
ME 156A-B			
ME 189A-B-C			Special Subject Areas
			Depth:
Engineering Electives			Depui.
Prior approval of the student's depart			
the student's faculty adviser. Note, the from year to year and that not all cou		y cnange	
•			Ethnicity (1 course):
Approved Engineering Elective	<u>/es</u> :		Ethinicity (1 course)
CHEM 109A ME 114	ME 166		European Traditions (1 course):
CHEM 123 ME 124			
	5 AA-ZZ ME 168		Writing (4 courses required):
ECE 181B ME 128	ME 169		
ENGR 101 ME 134			
ENGR 195A,B,C ME138	ME 185		
ENV S 105 ME140	B ME 186		
MATRL 100A ME141.	A,B ME 197	1	NON-MAJOR ELECTIVES 44
MATRL 100C ME 146	ME 199	1	
MATRL 186 ME 147	7 TMP 12	20. 122	General Education and Free Electives taken:
MATRL 188 ME 155	SR SR	course)	
ME 106A ME 157	<i>'</i>	course)	
ME 110 ME 158			
ME 112 ME 162	2		
¹ Four units maximum from ME 197	and ME 199 combined.		
Engineering Electives taken:			

TOTAL UNITS REQUIRED FOR GRADUATION 190

Courses required for the major, inside or outside of the Department of Mechanical Engineering, cannot be taken for the passed/not passed grading option. They must be taken for **letter** grades.

MECHANICAL ENGINEERING 2016-17

FRESHMAN YEAR

FALL	units	WINTER	units	SPRING	units
CHEM 1A or 2A	3	CHEM 1B or 2B	3	MATH 4A	4
CHEM 1AL or 2AC	2	CHEM 1BL or 2BC	2	ME 10	4
ENGR 3 or G.E. Elective	3/4	MATH 3B	4	PHYS 2	4
MATH 3A	4	PHYS 1	4	WRIT 50E, ENGR 3, or	3/4
WRIT 1E or 2E	4	WRIT 2E or 50E	4	G.E. Elective	
TOTAL	16/17		17		15/16

SOPHOMORE YEAR

FALL	units	WINTER	units	SPRING	units
MATH 4B	4	MATH 6A	4	MATH 6B	4
ME 14	4	ME 6	4	ME 16	4
PHYS 3	3	ME 15	4	ME 17	3
PHYS 3L	1	PHYS 4	3	G.E. Elective	4
G.E. Elective	4	PHYS 4L	1		
TOTAL	16		16		15

JUNIOR YEAR

FALL	units	WINTER	units	SPRING	units
ME 104	3	MATRL 101 or	3	ME 105	4
ME 140A	3	MATRL 100B*^		ME 153	3
ME 151A	4	ME 151B	4	ME 151C	3
ME 152A	4	ME 152B	3	ME 155A	3
G.E. or Free Elective	4	ME 163	3	G.E. or Free Elective	4
		G.E. or Free Elective	4		
TOTAL	18		17		17

SENIOR YEAR

FALL	units	WINTER	units	SPRING	units
ME 154 or ME 167**	3	ME 156B	3	ME 189C	2
ME 156A	3	ME 189B	2	Departmental Electives	6
ME 189A	2	Departmental Electives	6	G.E. or Free Electives	4
Departmental Electives	3	G.E. or Free Elective	4		
G.E. or Free Elective	4				
TOTAL	15		15		12

^{*} If applying to the BS/MS Materials program, juniors must take MATRL 100A in Fall, MATRL 100B in Winter, and MATRL 100C in Spring. ** If using ME 167 to satisfy the ME 154 requirement, students may not count ME 167 as an Engineering Elective.

[^]Students may only count one course toward the major. (MATRL 101 OR MATRL 100B)