

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

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
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	
<b>TOTAL</b>	<b>16/17</b>		<b>17</b>		<b>15/16</b>

## SOPHOMORE YEAR

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
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		
<b>TOTAL</b>	<b>16</b>		<b>16</b>		<b>15</b>

## JUNIOR YEAR

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
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		
<b>TOTAL</b>	<b>18</b>		<b>17</b>		<b>17</b>

## SENIOR YEAR

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
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				
<b>TOTAL</b>	<b>15</b>		<b>15</b>		<b>12</b>

\* 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)