



OSU - College of Engineering, Architecture & Technology

Mechanical Engineering Pre-Professional School, 2013-2014

Semester 1, 18 credit hours	Semester 2, 14 credit hours	Semester 3, 16 credit hours	Semester 4, 15 credit hours
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1111</u></div> <div style="margin-bottom: 10px;"> HS/Coll Chem, Min C- MATH 1513 or Co in 1613, 1715 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>CHEM</u> <u>1414</u></div> <div style="margin-bottom: 10px;"> ENSC 2213 ENSC 3313 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">HIST 1103</div> <div style="margin-bottom: 10px;"> Min C in MATH 1613 or 1715 or ALEKS </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2144</u></div> <div style="margin-bottom: 10px;"> PHYS 2014 or Co MATH 2153 ENSC 2113 ENSC 2213 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">¹ENGL <u>1113</u></div> <div style="margin-bottom: 10px;"> ENGL 1213 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">²S/D H/I</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1412</u></div> <div style="margin-bottom: 10px;"> MAE 3403 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1332</u></div> <div style="margin-bottom: 10px;"> MAE 3033 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>PHYS</u> <u>2014</u></div> <div style="margin-bottom: 10px;"> ENSC 2113 ENSC 2213 PHYS 2114 </div> <div style="margin-bottom: 10px;"> MATH 2144 or Co </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2153</u></div> <div style="margin-bottom: 10px;"> Min C in MATH 2144 </div> <div style="margin-bottom: 10px;"> MATH 2163 MATH 2233 ENSC 2613 ENSC 3233 IEM 3503 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">ENGL 1213 or 3323</div> <div style="margin-bottom: 10px;"> ENGL 1113 </div>	<div style="margin-bottom: 10px;"> MATH 2144 PHYS 1114 or 2014 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2113</u></div> <div style="margin-bottom: 10px;"> ENSC 2123 ENSC 2143 ENSC 3233 MAE 3323 </div> <div style="margin-bottom: 10px;"> CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2213</u></div> <div style="margin-bottom: 10px;"> MAE 3223 </div> <div style="margin-bottom: 10px;"> C or better in PHYS 2014 or 2314 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>PHYS</u> <u>2114</u></div> <div style="margin-bottom: 10px;"> ENSC 2613 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2163</u></div> <div style="margin-bottom: 10px;"> Min C in MATH 2153 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2233</u></div> <div style="margin-bottom: 10px;"> MAE 3013 MAE 3723 </div> <div style="margin-bottom: 10px;"> Min C in MATH 2153 </div>	<div style="margin-bottom: 10px;"> ENSC 2113 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2123</u></div> <div style="margin-bottom: 10px;"> MAE 3013 MAE 3033 MAE 3113 MAE 3723 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2143</u></div> <div style="margin-bottom: 10px;"> MAE 3323 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>3233</u></div> <div style="margin-bottom: 10px;"> MAE 3233 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2613</u></div> <div style="margin-bottom: 10px;"> MAE 3013 MAE 3113 MAE 3723 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">POLS 1113</div>

underlined = required before Professional School

1. If a 'B' or better is earned in ENGL 1113 or 1313, ENGL 3323 may be substituted for ENGL 1213 or 1413 (per Academic Regulation 3.5).
2. Min 6 hrs (H) and 6 hrs (S). Of these, 3 hrs must meet the International Dimension (I) and 3 hrs must meet the Diversity (D) req't.

Note: ENGL 1213 is included in the PS/Major GPA

D.S.F.



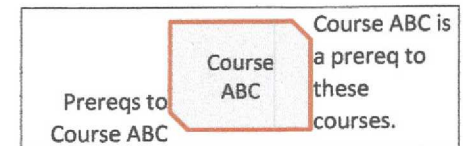
OSU - College of Engineering, Architecture & Technology

Mechanical Engineering Professional School, 2013-2014

Semester 5, 15 credit hours	Semester 6, 15 credit hours	Semester 7, 15 credit hours	Semester 8, 16 credit hours
ENGR 1332 ENSC 2123 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3033</div>	ENSC 2123 ENSC 2613 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3113</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁴MAE CAT I</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁶MAE CAT III</div>
ENSC 2113 ENSC 2143 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3323</div>	ENSC 2123 ENSC 2613 MATH 2233 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3723</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁵MAE CAT II</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁷MAE CAT IV</div>
MATH 2233 ENSC 2123 ENSC 2613 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3013</div> MAE 3403	ENSC 3233 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3233</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁸MAE Elect</div>	Adm to PS Prereqs Vary by Course <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">⁸MAE Elect</div>
ENSC 2213 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3223</div>	ENGR 1412 MAE 3013 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">MAE 3403</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">²S/D H/I</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">²S/D H/I</div>
CHEM 1314, 1414 or 1515 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">ENSC 3313</div>	MATH 2153 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">IEM 3503</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">³Basic Science</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">²S/D H/I</div>

3. Basic Science Elective: select from ASTR 1014, 1024, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713.
 4. Category I - MAE 4243, 4263, 4703, 4713
 5. Category II - MAE 4353, 4363, 4513
 6. Category III - MAE 4273, 4333, 4733
 7. Category IV - MAE 4344, 4354
 8. MAE Elective - select from this list or from courses in the 4 categories above (but not used to satisfy that category) - MAE 3123, 3253, 3293, 4053, 4063, 4313, 4623.
- Note: Basic Science Elective is not included in the PS/Major GPA

124 hours



D.S.V.