



OSU - College of Engineering, Architecture & Technology

Mechanical Engineering Pre-Professional School, 2017-2018

Pre-Medical Option

Semester 1, 17 credit hours	Semester 2, 18 credit hours	Semester 3, 19 credit hours	Semester 4, 18 credit hours
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENGR</u> 1111 </div> <p>MIN C IN CHEM 1314 OR ADV PLACEMENT</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>CHEM</u> 1515 </div> <p>Min C in MATH 1613 or 1715 or ALEKS</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>MATH</u> 2144 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> ¹<u>ENGL</u> 1113 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> BIOL 1114 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENGR</u> 1412 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENGR</u> 1332 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>PHYS</u> 2014 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>MATH</u> 2153 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENGL 1213</u> or 3323 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> BIOL 1604 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 2113 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 2213 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>PHYS</u> 2114 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>MATH</u> 2163 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>MATH</u> 2233 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <u>ENSC</u> 3313 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 2123 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 2143 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 3233 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 3233 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>ENSC</u> 2613 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <u>CHEM</u> 3053 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> HIST 1103 </div>

Summary of Professional School Admission Requirements: Complete a minimum of 60 credit hours of required courses. Complete all underlined courses. Make a C or better in all English Courses. Make a C or better in all required Technical Courses with a GPA of 3.0 or better in those courses. Complete a minimum of 12 hours at OSU with a GPA of 3.0 or better in all courses taken at OSU. Complete a minimum of 9 hours of required technical courses at OSU with a GPA of 3.0 or better in all required technical courses taken at OSU.

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. Meet with Health Sciences Advisor to ensure Med School requirements are met.



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Pre-Medical Option

Semester 5, 18 credit hours	Semester 6, 17 credit hours	Semester 7, 18 credit hours	Semester 8, 13 credit hours
Min C in MATH 2153 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">IEM 3503</div>	Min C in MAE 3013, ENSC 2123, ENSC 2613 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3113</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">³MAE CAT I</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">⁵MAE CAT III</div>
Min C in ENSC 2143, ENSC 2113 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3323</div>	Min C in MAE 3013, ENSC 2123, ENSC 2613 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3723</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">⁴MAE CAT II</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">⁶MAE CAT IV</div>
Min C in ENSC 3233 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3233</div>	Min C in MAE 3013, ENGR 1412 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3403</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">⁷MAE Elective</div>	MICR 2123, MICR 2132 or BOT 1414 or ZOOL 1604 & CHEM 1225 or 1515 or equiv. <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MICR 3033</div>
Min C in MATH 2233, PHYS 2114 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3013</div> MAE 3113, MAE 3403, MAE 3723	Min C in CHEM 3153 or Co <div style="border: 1px solid orange; padding: 5px; display: inline-block;">CHEM 3112</div>	<div style="border: 1px solid orange; padding: 5px; display: inline-block;">POLS 1113</div>	
Min C in ENSC 2213 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">MAE 3223</div>	⁸ Adm to PS ⁹ Prereqs Vary by Course <div style="border: 1px solid orange; padding: 5px; display: inline-block;">⁷MAE Elective</div> See Note 6	<div style="border: 1px solid orange; padding: 5px; display: inline-block;">²S/D H/I</div>	<div style="border: 1px solid orange; padding: 5px; display: inline-block;">²S/D H/I</div>
CHEM 3053 <div style="border: 1px solid orange; padding: 5px; display: inline-block;">CHEM 3153</div> CHEM 3113 or Co	<div style="border: 1px solid orange; padding: 5px; display: inline-block;">²S/D H/I</div>	<div style="border: 1px solid orange; padding: 5px; display: inline-block;">²S/D H/I</div>	

3. Category I - MAE 4243 (ENSC3233, MAE 3293), 4263(MAE 3223,3233), 4703(MAE 3223, 3233), 4713(ENSC 3233, MAE 3223, 3233, ENGR 1412)
4. Category II - MAE 4353 (MAE 3323), 4363 (MAE 3113, 3323), 4513 (MAE 3323), 4623(MATH 2163, ENSC 2123,ENSC 2143,MAE 3323)
5. Category III - MAE 4273 (ENSC 3233, MAE 3113), 4333 (ENSC 3313). 4733 (MAE 3113, 3403)
6. Category IV - MAE 4344 (MAE 3233, 3113,3323), 4354 (MAE 3233, 3113, 3323)
7. MAE Elective - select from this list or from courses in the 4 categories above (but not used to satisfy that category) - MAE 3123 (ENSC 2143, ENSC 3313), MAE 3253 (ENSC 3233, MATH 2233), MAE 3293 (MATH 2233 ,ENSC 2213, ENSC 3233), MAE 4053 (MAE 3723), MAE 4063 (MAE 3723),MAE 4313 (ENSC 3313).

8. Admission to Professional School. 9. Prerequisites are shown in () in notes 3 thru 7 above.

Note: POLS 1113 is not included in the PS/Major GPA requirement.

