



# OSU - College of Engineering, Architecture & Technology

## Aerospace Engineering Pre-Professional School, 2014-2015

Semester 1, 15 credit hours	Semester 2, 17 credit hours	Semester 3, 16 credit hours	Semester 4, 18 credit hours
<div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1111</u></div> <p>HS/Coll Chem, Min C- MATH 1513 or Co in 1613, 1715+</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>CHEM</u> <u>1414</u></div> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;">HIST 1103</div> <p>Min C in MATH 1613 or 1715 OR ALEKS</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2144</u></div> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><sup>1</sup>ENGL <u>1113</u></div>	<div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1412</u></div> <p style="text-align: right;">MAE 3403</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGR</u> <u>1332</u></div> <p>MATH 2144 or Co</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>PHYS</u> <u>2014</u></div> <p>Min C in MATH 2144</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2153</u></div> <p>ENGL 1113</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENGL</u> <u>1213 or</u> <u>3323</u></div> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><sup>2</sup>S/D H/I</div>	<p>MATH 2144 PHYS 1114 or 2014</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2113</u></div> <p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2213</u></div> <p>C or better in PHYS 2014 or 2314</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>PHYS</u> <u>2114</u></div> <p>Min C in MATH 2153</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2163</u></div> <p>Min C in MATH 2153</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>MATH</u> <u>2233</u></div>	<p>ENSC 2123 ENSC 2143 ENSC 3233 MAE 3323</p> <p>ENSC 2113</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2123</u></div> <p>MAE 3013 MAE 4283 MAE 3113 MAE 3723</p> <p>ENSC 2113</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2143</u></div> <p>MAE 3323</p> <p>ENSC 2113</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>3233</u></div> <p>MAE 3293 MAE 3253 MAE 4243</p> <p>ENSC 2113 MATH 2153</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2613</u></div> <p>MAE 3013 MAE 3113 MAE 3723</p> <p>MATH 2153 PHYS 2114</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><u>ENSC</u> <u>2613</u></div> <p>MAE 3013 MAE 3113 MAE 3723</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;">POLS 1113</div> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px; text-align: center;"><sup>2</sup>S/D H/I</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. Min 6 hrs (H) and 6 hrs (S). Of these hours, 1 course must meet the International Dimension (I) and 1 course must meet the Diversity (D) req't.



# OSU - College of Engineering, Architecture & Technology

## Aerospace Engineering Professional School, 2014-2015

Semester 5, 15 credit hours	Semester 6, 15 credit hours	Semester 7, 15 credit hours	Semester 8, 13 credit hours
Min C in CHEM 1314, 1414 or 1515	Min C in ENSC 2123 ENSC 2613  MAE 4223	Min C in MAE 3323  MAE 4374 <sup>5</sup> ADM TO PS	Min C in MAE 4243 MAE 4283 MAE 4513 <sup>5</sup> ADM TO PS
Min C in MATH 2153	Min C in ENGR 1412	Min C in ENSC 3233 MAE 3293  MAE 4374 <sup>5</sup> ADM TO PS	Min C in MAE 3113 MAE 3253 MAE 4283 <sup>5</sup> ADM TO PS
Min C in ENSC 2113 ENSC 2143  MAE 4513	Min C in ENSC 3233 MATH 2233  MAE 4283 MAE 4223	Min C in MAE 3253 MAE 3723 ENSC 2123  MAE 4374 MAE 4223 <sup>5</sup> ADM TO PS	<sup>6</sup> Prereqs Vary by Course
Min C in ENSC 2213 ENSC 3233 MATH 2233  MAE 4243	Min C in ENSC 2123 ENSC 2613 MATH 2233  MAE 4283	<sup>6</sup> Prereqs Vary by Course	
Min C in MATH 2233 ENSC 2123 ENSC 2613	<sup>3</sup> Basic Science		

3. Select from ASTR 1014, 1024, BIOL 1114, CHEM 3053, GEOL 1114, 3413, PHYS 3213, 3313, 3713 (see Catalog for Prerequisites).
4. Select from MAE 3033 (ENGR 1332, MAE 3013, MAE 3323), MAE 3123 (ENSC 2143, ENSC 3313), MAE 3223 (ENSC 2213), MAE 3233 (ENSC 3233), MAE 4053 (MAE 3723), MAE 4063 (MAE 3723), MAE 4213 (MAE 3113, MAE 3253), MAE 4273 (ENSC 3233, MAE 3113), MAE 4333 (ENSC 3313), MAE 4363 (MAE 3113, 3323), MAE 4733 (MAE 3113, MAE 3403) (with at least 3 hours selected from the 4000-level courses).
5. Admission to Professional School.                      6. Prerequisites are shown in ( ) in notes 4 above.

Note: Basic Science elective is not included in the PS/Major GPA requirement.

