### 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.

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#### Semester 1, 17 credit hours
- **ENGR 1111 Intro to Engr**
- **CHEM 1414 For Engr**
- **ENGR 1332 CAD/SolidWorks**
- **MATH 2144 Calc 1**
- **ENGL 1213 Comp 1**
- **2S/D H/I**

#### Semester 2, 15 credit hours
- **ENGR 1412 VBA Prac**
- **HIST 1103 Am History**
- **PHYS 2014 Physics 1**
- **ENSC 2213 Engr Prac**
- **ENGL 1213 Comp 2**

#### Semester 3, 16 credit hours
- **MATH 2163 Calc 2**
- **ENSC 2613 IEM 3503**
- **ENSC 2113 ENSC 2213**
- **PHYS 2114 Physics 2**
- **MAE 3403 MAE 3253 MAE 3013**

#### Semester 4, 18 credit hours
- **PHYS 2014 Phys 1**
- **MAE 3293 MAE 3253 MAE 3013**
- **ENSC 2123 Dynamics**
- **MAE 4283**
- **MAE 3723**
- **MAE 3113**
- **MAE 2113**
- **MAE 3323 Fluids**
- **MAE 3293**
- **MAE 3233 MAE 3233**
- **MAE 3113**
- **PHYS 2114**
- **ENSC 2113**
- **ENSC 2153 Phys 2114**
- **ENSC 2613 Circuits**
- **MAE 3723**
- **MAE 3113**
### Aerospace Engineering Professional School, 2018-2019

<table>
<thead>
<tr>
<th>Semester 5, 16 credit hours</th>
<th>Semester 6, 17 credit hours</th>
<th>Semester 7, 12 credit hours</th>
<th>Semester 8, 13 credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min C in CHEM 1314, 1414 or 1515</td>
<td>ENSC 3313 Mat Sci</td>
<td>MAE 3113 Meas &amp; Instr</td>
<td>Min C in MAE 4243, MAE 4283, MAE 4513</td>
</tr>
<tr>
<td>Min C in MATH 2153</td>
<td>IEM 3503 Engr Econ</td>
<td>MAE 4223</td>
<td>Vehicle Desg</td>
</tr>
<tr>
<td>Min C in MATH 2233 PHYS 2114</td>
<td>MAE 3013 Engr Analysis</td>
<td>MAE 3113 Meas &amp; Instr</td>
<td>MAE 4374</td>
</tr>
<tr>
<td>Min C in ENSC 2213 ENSC 3233 MATH 2233</td>
<td>MAE 4243</td>
<td>MAE 4513</td>
<td>MAE 4374</td>
</tr>
<tr>
<td>Prereqs Vary</td>
<td>MAE 3293 Fnd of Aero</td>
<td>4.7 MAE 423 Prop &amp; Power</td>
<td>5.7 MAE 4223 Aero Lab</td>
</tr>
</tbody>
</table>

3. Select from ASTR 1013, 1023, BIOL 1114, CHEM 3053, GEOl 1114, 3413, PHYS 3213, 3313, 3713 (see Catalog for pre-reqs)
4. Fall Only classes: MAE 3293, MAE 4513, MAE 4243, MAE 4283
5. Spring Only classes: MAE 3253, MAE 4374, MAE 4223
6. If completing double degree, then MAE 3524 is a required extra 4 credit course, and MAE 3233 must be taken as the Tech elective
7. Admission to Professional School required.
8. Technical Elective - 3000 or above in BAE/CHE/CIVE/ECEN/IEM/PETE/BIOL/BIOC/CHEM/CS/LSB/GEOL/PHYS, BCOM 3233, MATH 3303, MGMT 3133, PHIL 3803, PHIL 3833. 4000 or above in MATH/MET/STAT, MGMT 4073, MGMT4533, ECON 4113

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