### Civil Engineering Pre-Professional School 2016-2017

#### Semester 1 - 17 credit hours

- **ENGR 1412**  
  Engr Prigm
- **CHEM 1414**  
  For Engr
- **ENSC 2213**  
  CIVE 3813  
  CIVE 3833  
  CIVE 3843
- **MATH 2144**  
  Calc I
- **ENGL 1113**  
  Comp I
- **POLS 1113**  
  Am Govt

#### Semester 2 - 18 credit hours

- **CHEM 1414**  
  For Engr
- **ENSC 2213**  
  CIVE 3813  
  CIVE 3833  
  CIVE 3843
- **PHYS 2014**  
  Physics I
- **MATH 2144**  
  Calc II
- **ENGL 3323**  
  S/D/I
- **HIST 1103**  
  Survey of Am Hist
- **SPCH 2713**  
  Intro to Speech (S)

#### Semester 3 - 17 credit hours

- **CHEM 1414**  
  MATH 2144  
  PHYS 2014
- **ENSC 2213**  
  CIVE 3813  
  CIVE 3833  
  CIVE 3843
- **ENGR 1322**  
  AutoCad
- **SPCH 2713**  
  Intro to Speech (S)
- **ENSC 2213**  
  Statics

#### Semester 4 - 19 credit hours

- **CHEM 1414**  
  MATH 2144  
  PHYS 2014
- **ENSC 2113**  
  ENSC 2143  
  ENSC 3233
- **ENSC 2113**  
  ENSC 2213  
  ENSC 2113  
  PHYS 2114  
  CIVE 3613  
  IEM 3503
- **ENSC 3233**
- **MATH 2153**
- **STAT 4073**
- **CIVE 3714**
- **CIVE 3413**

1. **Underlined** = required before Professional School (+2 more ENSC courses, preferred ENSC 3233 & 2123)
2. If a 'B' or higher is not earned in ENGL 1113, ENGL 1213 is also required.
3. Min 6 hrs (H) and 3 hrs (S). Of these, courses should include the International Dimension (I) & Diversity (D) requirement. The remaining 3 hrs of (S), to meet the Gen Ed req’t, is met with SPCH 2713.
4. **CIVE 2041, 3413, 3714 & 4041** are offered during the fall semester only.
5. Basic Science Group 1: **BIOL 1114, GEOG 4203, GEOL 1114, 4453 or SOIL 2124**.
## OSU - College of Engineering, Architecture & Technology
### Civil Engineering Professional School 2016-2017

<table>
<thead>
<tr>
<th>Semester 5 - 16 credit hours</th>
<th>Semester 6 - 18 credit hours</th>
<th>Semester 7 - 16 credit hours</th>
<th>Semester 8 - 15 credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adm to PS Min C in CIVE 3813 &amp; ENSC 3233</td>
<td>Adm to PS Min C in CIVE 3714</td>
<td>Adm to PS Min C in CIVE 3614 &amp; STAT 4073</td>
<td>Adm to PS Min C in CIVE 3714 &amp; STAT 4073</td>
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<tr>
<td>³H/D/I</td>
<td>CIVE 4833 Unit Operations</td>
<td>CIVE 4273 Const Proj Mgmt</td>
<td>CIV 3633 Transportation</td>
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<tr>
<td>Min C in ENSC 2143</td>
<td>Min C in CIVE 3714</td>
<td>Min C in CIVE 3513</td>
<td>Adm to PS Enr in Last 2 Sem, Min C in CIVE 3513, 3523, &amp; 3714</td>
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<tr>
<td>⁴CIVE 3714 Geot Engr</td>
<td>CIVE 3623 Materials</td>
<td>IEM 3503 Engr Econ</td>
<td>⁴CIVE 4043 Sr Design</td>
</tr>
<tr>
<td>Min C in ENSC 2143</td>
<td>MATH 2163</td>
<td>Adm to PS Min C in CIVE 3413</td>
<td>Adm to PS Enrolled in Last 2 Sem</td>
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<tr>
<td>⁴CIVE 3413 Str Analy</td>
<td>STAT 4073 Engr Stat w/design</td>
<td>CIVE 3513 Steel</td>
<td>⁴Contr Elective</td>
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<tr>
<td>ENSC 2113, MATH 2153</td>
<td>Adm to PS Min C in CIVE 3413</td>
<td>Adm to PS Enrolled in Last 2 Sem</td>
<td>Adm to PS Enrolled in Last 2 Sem</td>
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<tr>
<td>ENSC 3233 Fluids</td>
<td>CIVE 3833 Concrete</td>
<td>CIVE 4043 Engr Practice</td>
<td>⁴Contr Elective</td>
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<tr>
<td>Min C in ENSC 2143</td>
<td>CIVE 3833 Hydraulics</td>
<td>ENGL 1113 Technical Writing</td>
<td>MATH 2153 Intro to Elec Science</td>
</tr>
<tr>
<td>³H/D/I</td>
<td>CIVE 3843 Hydrology</td>
<td>Adm to PS Enrolled in Last 2 Sem</td>
<td>Professional School Required</td>
</tr>
<tr>
<td>ENSC 3233 Fluids</td>
<td>CIVE 4043</td>
<td>⁴Contr Elective</td>
<td>³Contr Elective</td>
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<tr>
<td>MATH 2153</td>
<td>ENGL 3323 Technical Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>⁴Contr Elective</td>
<td>Prereqs to Course ABC</td>
<td>Course ABC</td>
<td>Course ABC is a prereq to these courses.</td>
</tr>
</tbody>
</table>

6. **CIVE 3523 & 4043** are offered during the spring semester only.
7. Basic Science Group 2 - take one of the following: **CHEM 2113, CHEM 3053, PHYS 3013, 3513, MATH 3013, 4013** or **4233** or another from Basic Science Group 1.
8. Controlled Elective - 4000 and 5000-level courses in Civil Engineering not required in the curriculum.

### Professional School Required

<table>
<thead>
<tr>
<th>Prereqs to Course ABC</th>
<th>Course ABC</th>
<th>Course ABC is a prereq to these courses.</th>
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<tbody>
<tr>
<td>136 hours</td>
<td>Denotes PS courses</td>
<td>CIVE non-PS courses</td>
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</tbody>
</table>

For Reference Only Updated 6/7/16