



## OSU - College of Engineering, Architecture & Technology

### Industrial Engineering & Management Pre-Prof School, 2012-2013

Semester 1, 15 credit hours	Semester 2, 15 credit hours	Semester 3, 18 credit hours	Semester 4, 15 credit hours
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>HIST</b> 1103         </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>ENGR</b> <u>1111</u> </div> <div style="font-size: small;">IEM 2903 IEM 3703</div> </div> <div style="font-size: small; margin-bottom: 10px;">           MIN C IN MATH 1613 OR 1715 OR ALEKS         </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>MATH</b> <u>2144</u> </div> <div style="font-size: small;">ENSC 2113 IEM 2903 IEM 3703 IEM 3523</div> </div> <div style="font-size: small; margin-bottom: 10px;">           HS or College CHEM &amp; Min C in MATH 1513 or Co- 1613, 1715+         </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>CHEM</b> <u>1414</u> </div> <div style="font-size: small;">ENSC 3313</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <sup>2</sup><b>ENGL</b> <u>1113</u> </div> <div style="font-size: small;">ENGL 3323</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENGR</b> <u>1412</u> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>POLS</b> 1113         </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>PHYS</b> <u>2014</u> </div> <div style="font-size: small;">ENSC 2113 PHYS 2114</div> </div> <div style="font-size: small; margin-bottom: 10px;">           MATH 2144 OR CO         </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>MATH</b> <u>2153</u> </div> <div style="font-size: small;">IEM 3103 IEM 3503</div> </div> <div style="font-size: small; margin-bottom: 10px;">           MIN C IN MATH 2144         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>1</sup>S / D H / I         </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>SPCH</b> 2713 (S)         </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           MATH 2144 PHYS 1114 OR 2014         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>ENSC</b> <u>2113</u> </div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           PHYS 2014 OR 2314         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>PHYS</b> 2114         </div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           MIN C IN MATH 2153         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>MATH</b> 2163         </div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <sup>3</sup><b>ENGR</b> <u>1322</u> </div> <div style="font-size: small;">IEM 3303</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           ENGR 1111 MATH 2144         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>IEM</b> 2903         </div> <div style="font-size: small;">IEM 3403 IEM 4413 IEM 4723</div> </div>	<div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">VARIES</div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <sup>5</sup><b>ENSC</b> Elect         </div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">VARIES</div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <sup>5</sup><b>ENSC</b> Elect         </div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;"> <sup>4</sup>MATH 2153, No Credit in MATH 2233 or 3013         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>MATH</b> 3263         </div> <div style="font-size: small;">IEM 4013</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           MATH 2153         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>IEM</b> 3103         </div> <div style="font-size: small;">IEM 3813 IEM 4013 IEM 4103 IEM 4113</div> </div> <div style="display: flex; align-items: center;"> <div style="font-size: small; margin-right: 5px;">           ENGR 1111 MATH 2144         </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> <b>IEM</b> 3703         </div> <div style="font-size: small;">IEM 3403 IEM 4413 IEM 4723</div> </div>

underlined = required before Professional School

1. Min 6 hrs (H) and 3 hrs (S). Of these, 3 hrs must meet the International Dimension (I) and 3 hrs must meet the Diversity (D) req't. (The remaining 3 hrs of (S), to meet the Gen Ed req't, is met with SPCH 2713).
2. If a 'B' or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).
3. ENGR 1322 or 1332 (per degree sheet).
4. Error in catalog, MATH 2153 is a prereq for MATH 3263.



## OSU - College of Engineering, Architecture & Technology Industrial Engineering & Management Prof School, 2012-2013

Semester 5, 18 credit hours	Semester 6, 15 credit hours	Semester 7, 15 credit hours	Semester 8, 15 credit hours
<p>IEM 3103 <span style="border: 1px solid black; padding: 2px;">IEM 3813</span> IEM 4203</p> <p>ENGL 1113 <span style="border: 1px solid black; padding: 2px;">ENGL 3323</span></p> <p>IEM 3103 <span style="border: 1px solid black; padding: 2px;">IEM 4013</span> IEM 4713 MATH 3263 IEM 4203 IEM 4613</p> <p>IEM 2903 <span style="border: 1px solid black; padding: 2px;">IEM 3403</span> IEM 4913 IEM 3703</p> <p>CHEM 1314 <span style="border: 1px solid black; padding: 2px;">ENSC 3313</span> IEM 3303 OR 1414 OR 1515</p> <p>Varies <span style="border: 1px solid black; padding: 2px;"><sup>5</sup>ENSC Elect</span></p>	<p>IEM 4013 <span style="border: 1px solid black; padding: 2px;">IEM 4713</span> IEM 4203</p> <p>IEM 3103 <span style="border: 1px solid black; padding: 2px;">IEM 4103</span></p> <p>MATH 2144 <span style="border: 1px solid black; padding: 2px;">IEM 3523</span></p> <p>ENGR 1322 <span style="border: 1px solid black; padding: 2px;">IEM 3303</span> IEM 4203 ENSC 3313</p> <p>MATH 2153 <span style="border: 1px solid black; padding: 2px;">IEM 3503</span> IEM 4913</p>	<p>IEM 3103 <span style="border: 1px solid black; padding: 2px;">IEM 4113</span></p> <p>IEM 2903 <span style="border: 1px solid black; padding: 2px;">IEM 4723</span> IEM 3703</p> <p>IEM 3303 <span style="border: 1px solid black; padding: 2px;">IEM 4203</span> IEM 3813 IEM 4013 IEM 4713</p> <p>IEM 4013 <span style="border: 1px solid black; padding: 2px;">IEM 4613</span></p> <p style="text-align: center;"><span style="border: 1px solid black; padding: 2px;"><sup>1</sup>H/D/I</span></p>	<p>IEM 2903 <span style="border: 1px solid black; padding: 2px;">IEM 4413</span> IEM 3703</p> <p>IEM 3403 IENM 3503 IEM Majors Only, Inst Consent <span style="border: 1px solid black; padding: 2px;">IEM 4913</span></p> <p>Varies <span style="border: 1px solid black; padding: 2px;"><sup>6</sup>IEM Elect</span></p> <p>Varies <span style="border: 1px solid black; padding: 2px;"><sup>7</sup>Cont Elect</span></p> <p style="text-align: center;"><span style="border: 1px solid black; padding: 2px;"><sup>1</sup>H/D/I</span></p>

5. ENSC Elective: select from ENSC 2123, 2143, 2213, 2613, 3213 or 3233.
6. IEM Elective: select from IEM 4163, 4323, 4733, 4823, 4953, 4990 (3).
7. Controlled Elective: see Degree Sheet

126 hours

Sunduk Hary

