



OSU - College of Engineering, Architecture & Technology

Industrial Engineering & Management Pre-Prof School, 2013-2014

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;"> HIST 1103 </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> ENGR 1111 </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;"> MATH 2144 </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 & 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;"> CHEM 1414 </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;"> ²ENGL 1113 </div> <div style="font-size: small;">ENGL 3323</div> </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> ENGR 1412 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> POLS 1113 </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> PHYS 2014 </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;"> MATH 2153 </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;"> ¹S / D H / I </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> SPCH 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;"> ENSC 2113 </div> </div> <div style="font-size: small; margin-bottom: 10px;"> C or better in PHYS 2014 OR 2314 </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> PHYS 2114 </div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> MATH 2163 </div> <div style="font-size: small;">MIN C IN MATH 2153</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> ³ENGR 1322 </div> <div style="font-size: small;">IEM 3303</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> IEM 2903 </div> <div style="font-size: small;">ENGR 1111 MATH 2144 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;"> ⁵ENSC Elect </div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="font-size: small; margin-right: 5px;">VARIES</div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> ⁵ENSC Elect </div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="font-size: small; margin-right: 5px;"> ⁴MATH 2153, No Credit in MATH 2233 or 3013 </div> <div style="border: 1px solid black; padding: 5px; margin-right: 5px; text-align: center;"> MATH 3263 </div> <div style="font-size: small; margin-left: 5px;">IEM 4013</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <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;"> IEM 3103 </div> <div style="font-size: small; margin-left: 5px;">IEM 3813 IEM 4013 IEM 4103 IEM 4113</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <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;"> IEM 3703 </div> <div style="font-size: small; margin-left: 5px;">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.

Sunduk Jay



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Industrial Engineering & Management Prof School, 2013-2014

Semester 5, 18 credit hours	Semester 6, 15 credit hours	Semester 7, 15 credit hours	Semester 8, 15 credit hours
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 3103</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 3813</div> <div style="text-align: left;">IEM 4203</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">ENGL 1113</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">ENGL 3323</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 3103 MATH 3263</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 4013</div> <div style="text-align: left;">IEM 4713 IEM 4203 IEM 4613</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 2903 IEM 3703</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 3403</div> <div style="text-align: left;">IEM 4913</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">CHEM 1314 OR 1414 OR 1515</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">ENSC 3313</div> <div style="text-align: left;">IEM 3303</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">Varies</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">⁵ENSC Elect</div> </div>	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 4013</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 4713</div> <div style="text-align: left;">IEM 4203</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 3103</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 4103</div> </div> <div style="display: flex; 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padding: 5px; text-align: center;">IEM 4413</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">IEM 3403 IENM 3503 IEM MAJORS ONLY, INSTR CONSENT</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">IEM 4913</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">Varies</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">⁶IEM Elect</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">Varies</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">⁷Cont Elect</div> </div> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: right;">Varies</div> <div style="border: 1px solid orange; padding: 5px; text-align: center;">¹H/D/I</div> </div>

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 Ayg

Prereqs to
Course ABC

Course
ABC

Course ABC is
a prereq to
these
courses.