



OSU - College of Engineering, Architecture & Technology

Chemical Engineering Pre-Professional School, 2012-2013

Semester 1, 17 credit hours	Semester 2, 16 credit hours	Semester 3, 17 credit hours	Semester 4, 17 credit hours
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> HIST 1103 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Min C in MATH 1613 or 1715 OR ALEKS </div> <div style="width: 50%; text-align: right;"> PHYS 2014 or Co MATH 2153 ENSC 2113 ENSC 2213 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> MATH 2144 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Min C in CHEM 1314 or Adv Placement </div> <div style="width: 50%; text-align: right;"> CHEM 3053 ENSC 2213 CHE 2033 ENSC 3313 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> CHEM 1515 </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> ENGR 1111 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> MATH 2144 or Co </div> <div style="width: 50%; text-align: right;"> ENSC 2113 ENSC 2213 PHYS 2114 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> PHYS 2014 </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> ¹S/H I/D </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> ENGL 1113 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"></div> <div style="width: 50%; text-align: right;"> ENGL 1213 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> MATH 2153 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Min C in MATH 2144 </div> <div style="width: 50%; text-align: right;"> MATH 2163 MATH 2233 ENSC 2613 ENSC 3233 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> PHYS 2114 </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PHYS 2014 or 2314 </div> <div style="width: 50%; text-align: right;"> ENSC 2613 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> POLS 1113 </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014 </div> <div style="width: 50%; text-align: right;"> CHE 2033 <div style="border: 1px solid black; padding: 5px; text-align: center;"> ENSC 2213 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> MATH 2144 PHYS 1114 or 2014 </div> <div style="width: 50%; text-align: right;"> ENSC 2143 ENSC 3233 <div style="border: 1px solid black; padding: 5px; text-align: center;"> [*]ENSC 2113 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> CHEM 1414 or 1515 (No credit w/3015) </div> <div style="width: 50%; text-align: right;"> CHEM 3153 <div style="border: 1px solid black; padding: 5px; text-align: center;"> CHEM 3053 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Min C in MATH 2153 </div> <div style="width: 50%; text-align: right;"> STAT 4033 CHEM 3433 <div style="border: 1px solid black; padding: 5px; text-align: center;"> MATH 2163 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Min C in MATH 2153 </div> <div style="width: 50%; text-align: right;"> CHE 2033 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ²MATH 2233 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"></div> <div style="width: 50%; text-align: right;"> CHE 2033 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ENGR 1412 </div> </div> </div>	<div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"></div> <div style="width: 50%; text-align: right;"> CHEM 3112 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ³CHEM 3153 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> CHEM 3053 </div> <div style="width: 50%; text-align: right;"> CHEM 3153 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ³CHEM 3112 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> CHEM 1515 ENSC 2213 Co- MATH 2233 or 3263 ENGR 1412 </div> <div style="width: 50%; text-align: right;"> CHEM 3153 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> CHE 2033 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> MATH 2163 </div> <div style="width: 50%; text-align: right;"> STAT 4033 CHEM 3433 <div style="border: 1px solid black; padding: 5px; text-align: center;"> ⁴STAT 4033 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> ENSC 2113 MATH 2153 </div> <div style="width: 50%; text-align: right;"> CHE 2033 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ENSC 3233 </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"></div> <div style="width: 50%; text-align: right;"> CHE 2033 or Co <div style="border: 1px solid black; padding: 5px; text-align: center;"> ¹S/H I/D </div> </div> </div>

underlined = required before Professional School

*Correction to Degree Sheet identified here. ENSC 2113 is required before PS.

1. Min 6 hours (H) and 6 hours (S). Of these, 3 hours must meet the International Dimension (I) and 3 hours must meet the Diversity (D) req't.
2. MATH 2233 or 3263.
3. The combination of CHEM 3112 and 3153 may be replaced with the combination of BIOC 3653 and 3723.
4. STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073.

J R White

5/27/14



OSU - College of Engineering, Architecture & Technology

Chemical Engineering Professional School, 2012-2013

Semester 5, 15 credit hours	Semester 6, 16 credit hours	Semester 7, 16 credit hours	Semester 8, 16 credit hours
PS Adm CHE 3013 CHE 4002 CHE 3113	CHE 3013 CHE 3333 CHE 4002 CHE 4112 CHE 3473 & Adm to PS CHE 4124	CHE 4002 CHE 3113 CHE 4112 CHE 3123 & Adm to PS	CHE 4124 & Adm to PS CHE 4843
PS Adm CHE 3473 CHE 3113 CHE 3123 CHE 4002	CHE 3013 CHE 3333 CHE 3113 CHE 4112 CHE 3473 & Adm to PS CHE 4124	CHE 4002 CHE 3113 CHE 4124 CHE 4843 CHE 3123 & Adm to PS CHE 4224	CHE 4124 & Adm to PS CHE 4224
PS Adm CHE 3333 CHE 3113 CHE 3123 CHE 4002	CHE 3333 CHE 3123 CHE 4112 CHE 3473 & Adm to PS CHE 4124	Senior Standing in Department CHE 4581	Varies ⁸Adv CHEM SCI
⁵ CHEM 2113 CHEM 3433 MATH 2163	⁹ENGR 13x2	ENSC 2113 ENSC 2143	Varies ⁷Elect
¹S/H I/D	CHEM 1314 or 1414 or 1515 ENSC 3313	Varies ⁷Elect	MATH 2153 PHYS 2114 ENSC 2613
	ENGL 1113 ⁶ENGL 1213	¹S/H I/D	

5. CHEM 2113 not on degree sheet. Per Dr. Rhinehart, CHEM 3153 + 3112 or BIOC 3653 + 3723 & CHE 2033 provide adequate preparation for CHEM 3433.

6. ENGL 3323 may be substituted if 'A' or 'B' is earned in ENGL 1113.

7. Electives must be approved by CHE Advisor and meet school Educational Objectives: competencies, professionalism, and balance.

8. Choose from ANSI 3423, BIOC 3653, 3723, 4113, BIOL 3023, CHEM 3353, 3553, 4020, FDSC 3373, 4373, GEOL 4403, MICR 3033, or similar advanced chemical transformation of matter course approved by CHE Advisor. Cannot use both ANSI 3423 & BIOL 3023 or BIOC 3653 & 3713.

9. Course may be substituted with a technical elective. Requires CHE Advisor approval.

130 hours

