



OSU - College of Engineering, Architecture & Technology

Chemical Engineering Pre-Professional School, 2012-2013

Biomedical/Biochemical Option

Semester 1, 17 credit hours	Semester 2, 17 credit hours	Semester 3, 17 credit hours	Semester 4, 17 credit hours
<p style="text-align: center;">HIST 1103</p> <p>Min C in MATH 1613 or 1715 OR ALEKS</p> <p>Min C in CHEM 1314 or Adv Placement</p> <p style="text-align: center;">ENGR 1111</p> <p>MATH 2144 or Co</p>	<p style="text-align: center;">¹S/H I/D</p> <p style="text-align: center;">ENGL 1113</p> <p>Min C in MATH 2144</p> <p>PHYS 2014 or 2314</p> <p style="text-align: center;">BIOL 1114</p>	<p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <p>MATH 2144 PHYS 1114 or 2014</p> <p>CHEM 1414 or 1515 (No credit w/3015)</p> <p>Min C in MATH 2153</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">ENGR 1412</p>	<p style="text-align: center;">³BIOC 3653</p> <p style="text-align: center;">³BIOC 3723</p> <p style="text-align: center;">CHE 2033</p> <p style="text-align: center;">⁴STAT 4033</p> <p style="text-align: center;">ENSC 3233</p> <p style="text-align: center;">¹S/H I/D</p>
<p>PHYS 2014 or Co</p> <p>MATH 2153 ENSC 2113 ENSC 2213</p> <p>CHEM 3053 ENSC 2213 CHE 2033 ENSC 3313</p> <p>ENSC 2113 ENSC 2213 PHYS 2114</p>	<p>ENGL 1213</p> <p>MATH 2163 MATH 2233 ENSC 2613 ENSC 3233</p> <p>ENSC 2613</p>	<p>CHE 2033</p> <p>ENSC 2143 ENSC 3233</p> <p>BIOC 3653</p> <p>BIOC 3653</p> <p>CHEM 1515 ENSC 2213 Co MATH 2233 or 3263 ENGR 1412</p> <p>STAT 4033 CHEM 3433</p> <p>CHE 2033 or Co</p> <p>CHE 2033 or Co</p>	<p>BIOC 3723 or Co</p> <p>BIOC 3653 or 3713 or Co</p> <p>CHEM 1515 ENSC 2213 Co MATH 2233 or 3263 ENGR 1412</p> <p>MATH 2163</p> <p>ENSC 2113 MATH 2153</p>

underlined = required before Professional School

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

1. Min 6 hours (H - must include PHIL 3833 or equivalent, with advisor approval) and 6 hours (S). Of these, 3 hours must meet the International Dimension (I) and 3 hours must meet the Diversity (D) requirement.
2. MATH 2233 or 3263.
3. The combination of BIOC 3653 and 3723 may be replaced with the combination of CHEM 3112 and 3153.
4. STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073.



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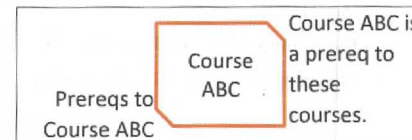
Chemical Engineering Professional School, 2012-2013

Biomedical/Biochemical Option

Semester 5, 15 credit hours	Semester 6, 17 credit hours	Semester 7, 16 credit hours	Semester 8, 18 credit hours
Adm to PS 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
Adm to PS CHE 3473 CHE 2123 CHE 3112 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
Adm to PS 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	⁹ENGR 13x2
⁵ CHEM 2113 MATH 2163 CHEM 3433	Varies ⁷Adv CHEM SCI	ENSC 2113 ENSC 2143	POLS 1113
¹S/H I/D	CHEM 1314 or 1414 or 1515 ENSC 3313	Varies ⁸Bio Elect	Varies ⁸Bio Elect
	ENGL 1113 ⁶ENGL 1213	¹S/H I/D	MATH 2153 PHYS 2114 ENSC 2613

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 BAE 3113, 3423, 4413, BIOC 3653, 4113, 4224, 5824, BIOL 3023, CHE 4283, 4293, 5283, 5293, MICR 2123 & 2132, 3033, and ZOOL 1604.
9. Course may be substituted with a technical elective. Requires CHE Advisor approval.

134 hours



John R. White

5/27/14

For Reference Only

Revised 5/21/14