



# OSU - College of Engineering, Architecture & Technology

## Chemical Engineering Pre-Professional School, 2013-2014

### Pre-Medical Option

Semester 1, 17 credit hours	Semester 2, 17 credit hours	Semester 3, 19 credit hours	Semester 4, 17 credit hours
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>HIST</b> 1103         </div> <p>Min C in MATH 1613 or 1715 OR ALEKS</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>MATH</b> 2144         </div> <p>Min C in CHEM 1314 or Adv Placement</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>CHEM</b> 1515         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENGR</b> 1111         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>PHYS</b> 2014         </div> <p>MATH 2144 or Co</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>1</sup>S/H I/D         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENGL</b> 1113         </div> <p>ENGL 1213</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>MATH</b> 2153         </div> <p>Min C in MATH 2144</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>PHYS</b> 2114         </div> <p>C or better in PHYS 2014 or 2314</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>BIOL</b> 1114         </div> <p>ZOOL 1604</p>	<p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENSC</b> 2213         </div> <p>CHE 2033</p> <p>MATH 2144 PHYS 1114 or 2014</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>*</sup>ENSC 2113         </div> <p>ENSC 2143 ENSC 3233</p> <p>CHEM 1414 or 1515 (No credit w/3015)</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>CHEM</b> 3053         </div> <p>CHEM 3153</p> <p>Min C in MATH 2153</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>MATH</b> 2163         </div> <p>STAT 4033 CHEM 3433</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ZOOL</b> 1604         </div> <p>MICR 3033 BIOL 1114</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENGR</b> 1412         </div> <p>CHE 2033 or Co</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>2</sup>CHE 2581         </div>	<p>CHEM 3053</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>CHEM</b> 3153         </div> <p>CHEM 3112 or Co</p> <p>CHEM 3153 or Co</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>CHEM</b> 3112         </div> <p>ENSC 2213 Co- MATH 2233 or 3263 ENGR 1412</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>CHE</b> 2033         </div> <p>Min C in Math 2153</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>3</sup>MATH 2233         </div> <p>CHE 2033 or Co</p> <p>ENSC 2113 MATH 2153</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <b>ENSC</b> 3233         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> <sup>1</sup>S/H I/D         </div>

underlined = required before Professional School

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

1. Min 6 hours of H - select 3 hours from ENGL and 3 hours ART, ENGL, FLL, MUSI, PHIL, or TH. Min 6 hours of S - select from ANTH, PSYC, or SOC. Of these, 3 hours must meet the Int'l Dimension (I) and 3 hours must meet the Diversity (D) requirement.

2. CHE 2581 and CHE 3581 Seminars are accepted substitutions for CHE 4990 (2 hours) listed on the degree sheet. Offered in Fall only.

3. MATH 2233 or 3263.



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### Pre-Medical Option

Semester 5, 16 credit hours	Semester 6, 17 credit hours	Semester 7, 16 credit hours	Semester 8, 16 credit hours
Adm to PS <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 3013</span> CHE 4002 CHE 3113	CHE 3013 CHE 3333 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4002</span> CHE 4112 CHE 3473 & Adm to PS CHE 4124	CHE 4002 CHE 3113 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4112</span> CHE 3123 & Adm to PS	CHE 4124 & Adm to PS <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4843</span>
Adm to PS <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 3473</span> CHE 4002 CHE 3123 CHE 3113	CHE 3013 CHE 3333 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 3113</span> CHE 4112 CHE 3473 & Adm to PS CHE 4124	CHE 4002 CHE 3113 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4124</span> CHE 4843 CHE 3123 & Adm to PS CHE 4224	CHE 4124 & Adm to PS <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4224</span>
Adm to PS <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 3333</span> CHE 4002 CHE 3123 CHE 3113	CHE 3333 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 3123</span> CHE 4112 CHE 3473 & Adm to PS CHE 4124	Senior Standing in Department <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHE 4581</span>	POLS 1113
<sup>6</sup> CHEM 2113 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">CHEM 3433</span> MATH 2163	MICR 2123, MICR 2132 or <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>4</sup>MICR 3033</span> BOT 1404 or ZOOL 1604, & CHEM 1515 or equiv.	ENSC 2113 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">ENSC 2143</span>	CHEM 1314 or 1414 or 1515 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">ENSC 3313</span>
<span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>1</sup>S/H I/D</span>	MATH 2163 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>5</sup>STAT 4033</span>	<span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>8</sup>BIO ELECT</span>	MATH 2153 PHYS 2114 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;">ENSC 2613</span>
<span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>2</sup>CHE 3581</span>	ENGL 1113 <span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>7</sup>ENGL 1213</span>	<span style="border: 1px solid black; padding: 2px; display: inline-block; text-align: center;"><sup>1</sup>S/H I/D</span>	

4. MICR 3033 or BIOL 3023.
5. STAT 2013, 2023, 2053, 4013, 4033, 4053, or 4073.
6. CHEM 2113 not on degree sheet. Per Dr. Rhinehart, CHEM 3153 + 3112 or BIOC 3653 + 3723 & CHE 2033 provide adequate preparation for CHEM 3433.
7. ENGL 3323 may be substituted if 'A' or 'B' is earned in ENGL 1113.
8. CHE 4293 preferred, or with approval of an advisor, from BAE 3113, 3423, 4423, BIOC 3653, 4113, 4224, CHE 4283, 5283, 5293.

*J R White*

5/28/2014

For Reference Only

Revised 5/27/14

