



OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Pre-Professional School, 2012-2013

Bioprocessing & Biotechnology Option

Semester 1, 16 credit hours	Semester 2, 18 credit hours	Semester 3, 18 credit hours	Semester 4, 17 credit hours
<p style="text-align: center;">BAE 1012 BAE 1022</p> <p>Min C in MATH 1613 or 1715 OR ALEKS</p> <p style="text-align: center;">MATH 2144</p> <p style="text-align: center;">BIOL 1114</p> <p style="text-align: center;">HIST 1103</p> <p style="text-align: center;">¹ENGL 1113</p>	<p>BAE 1012 or Instructor Consent</p> <p style="text-align: center;">BAE 1022 BAE 2023 BAE 3213</p> <p>Min C in MATH 2144</p> <p style="text-align: center;">MATH 2153</p> <p>MATH 2144 or Co</p> <p>HS/Coll Chem, Min C- MATH 1513 or Co in 1613, 1715+</p> <p style="text-align: center;">CHEM 1414</p> <p style="text-align: center;">ENGR 1322</p> <p>ENGL 1113</p> <p style="text-align: center;">ENGL 1213</p>	<p>BIOL 1114 MATH 2144</p> <p style="text-align: center;">BAE 2012 BAE 3113</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">MATH 2163</p> <p>C or better: PHYS 2014 or 2314</p> <p style="text-align: center;">PHYS 2114 ENSC 2613</p> <p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <p style="text-align: center;">ENSC 2213 BAE 3213 BAE 3113</p> <p>MATH 2144 PHYS 1114 or 2014</p> <p style="text-align: center;">ENSC 2113 ENSC 2123 ENSC 2143 ENSC 3233</p> <p style="text-align: center;">²S / D H / I</p>	<p>BAE 1022 BIOL 1114 PHYS 2014</p> <p style="text-align: center;">BAE 2023 BAE 3313 or Co</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">MATH 2233 BAE 3023 BAE 3113</p> <p style="text-align: center;">ENSC 2123 ENSC 2113</p> <p style="text-align: center;">ENSC 3233 BAE 3013 BAE 3113 BAE 3313 or Co BAE 4283</p> <p style="text-align: center;">ENGR 1412</p> <p style="text-align: center;">POLS 1113</p>

underlined = required before Professional School (+2 other ENSC courses)

1. If a 'B' or better is earned in ENGL 1113 or 1313, ENGL 3323 may be substituted for ENGL 1213 or 1413 (per Academic Regulation 3.5).
2. Min 6 hrs (H) and 6 hrs (S). Of these, 3 hours must meet the International Dimension (I) and 3 hours must meet the Diversity (D) req't.

David Johnson



OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Professional School, 2012-2013

Bioprocessing & Biotechnology Option

Semester 5, 15 credit hours	Semester 6, 18 credit hours	Semester 7, 14 credit hours	Semester 8, 17 credit hours
<p>ENSC 3233 BAE 3013 BAE 4012 or Co</p> <p>BAE 2023 or Co, and ENSC 3233 or Co BAE 3313 BAE 4012 or Co</p> <p>MATH 2153 PHYS 2114 ENSC 2613 BAE 3213 BAE 3023</p> <p>MATH 1483 or 1513 STAT 2013</p> <p style="text-align: center;">²S / D H / I</p>	<p>BAE 1022 ENSC 2143 ENSC 2213 ENSC 2613 BAE 3213 BAE 4012 or Co</p> <p>ENSC 2613 MATH 2233 BAE 3023 BAE 4012 or Co</p> <p>BAE 2012 ENSC 2213 ENSC 3233 MATH 2233 BAE 3113 BAE 4012 or Co, BAE 4283</p> <p>CHEM 1414 or 1515 (no credit w/3015) CHEM 3053 BIOC 3653</p> <p>ENSC 2113 ENSC 2143 BAE 3213 BAE 4012 or Co</p> <p>MATH 2153 IEM 3503</p>	<p>Co BAE 4012 BAE 4001 BAE 4012 or Co</p> <p>BAE 3013, 3023, 3113, 3213, 3313, 4001, ENSC 2143 (or Co's) BAE 4012 BAE 4023</p> <p>BIOL 1114 pre or co: ³CHEM 1225 or 1314 MICR 2123 MICR 2132 or Co</p> <p>MICR 2123 or Co MICR 2132</p> <p>Varies Eng/Sci Elective</p> <p style="text-align: center;">²S / D H / I</p>	<p>BAE 4012 BAE 4023</p> <p>BAE 3113 or Consent, ENSC 3233 BAE 4283</p> <p>CHEM 3015 or 3053 BIOC 3653 BIOC 3723 or Co</p> <p>CHEM 3653 or 3713 or Co BIOC 3723</p> <p>Varies Eng/Sci Elective</p> <p style="text-align: center;">²S / D H / I</p>

3. CHEM 1215 is also accepted as pre- or co-requisite to MICR 2123.

David L. Hoover

133 hours

