



OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Pre-Professional School, 2013-2014

Food Processing 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;">HIST 1103</p> <p>Min C in MATH 1613 or 1715 or ALEKS</p> <p style="text-align: center;">MATH 2144</p> <p>PHYS 2014 or Co MATH 2153 ENSC 2113 ENSC 2213 BAE 2012 or Co</p> <p>Engineering Major</p> <p style="text-align: center;">BAE 1012</p> <p>BAE 1022</p> <p style="text-align: center;">BIOL 1114</p> <p>BAE 2012 or Co, BAE 2023 MICR 2123</p> <p style="text-align: center;">¹ENGL 1113</p> <p>ENGL 1213</p>	<p>HS/Coll Chem, Min C- MATH 1513 or Co in 1613, 1715+</p> <p style="text-align: center;">CHEM 1414</p> <p>ENSC 2213 CHEM 3013</p> <p style="text-align: center;">ENGR 1322</p> <p style="text-align: center;">PHYS 2014</p> <p>ENSC 2113 ENSC 2213 PHYS 2114 BAE 2023</p> <p>MATH 2144 or Co</p> <p>Min C in MATH 2144</p> <p style="text-align: center;">MATH 2153</p> <p>MATH 2163 MATH 2233 ENSC 2613 ENSC 3233 IEM 3503</p> <p>BAE 1012 or Instructor Consent</p> <p style="text-align: center;">BAE 1022</p> <p>BAE 2023 BAE 3213</p> <p style="text-align: center;">ENGL 1213</p> <p>ENGL 1113</p>	<p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <p style="text-align: center;">ENSC 2213</p> <p>BAE 3213 BAE 4413</p> <p>MATH 2144 PHYS 1114 or 2014</p> <p style="text-align: center;">ENSC 2113</p> <p>ENSC 2123 ENSC 2143 ENSC 3233</p> <p>C or better in PHYS 2014 or 2314</p> <p style="text-align: center;">PHYS 2114</p> <p>ENSC 2613</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">MATH 2163</p> <p>BIOL 1114 or Co, MATH 2144 or Co</p> <p style="text-align: center;">BAE 2012</p> <p>BAE 3113</p> <p style="text-align: center;">²S / D H / I</p>	<p style="text-align: center;">ENSC 2123</p> <p>ENSC 2113</p> <p style="text-align: center;">ENSC 3233</p> <p>ENSC 2113 MATH 2153</p> <p>BAE 3013 BAE 3113 or Co BAE 4413</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">MATH 2233</p> <p>BAE 3023 BAE 3013</p> <p>BAE 1022 BIOL 1114 PHYS 2014</p> <p style="text-align: center;">BAE 2023</p> <p>BAE 3313</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 Powers



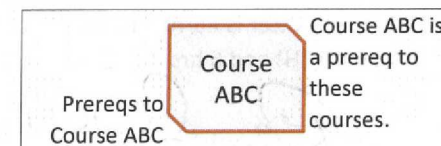
OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Professional School, 2013-2014

Food Processing Option

Semester 5, 15 credit hours	Semester 6, 18 credit hours	Semester 7, 14 credit hours	Semester 8, 17 credit hours
MATH 2153 PHYS 2114 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">ENSC 2613</div> BAE 3213 BAE 3023	ENSC 2113 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">ENSC 2143</div> BAE 3213 BAE 4012 or Co	Co BAE 4012 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4001</div> BAE 4012 or Co	BAE 4012 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4023</div>
ENSC 3233 MATH 2233 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 3013</div> BAE 4012 or Co, BAE 4413	BAE 1022 ENSC 2143 ENSC 2213 ENSC 2613 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 3213</div> BAE 4012 or Co	BAE 3013, 3023, 3113, 3213, 3313, 4001, ENSC 2143 (or Co's), ADM TO PS <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4012</div> BAE 4023	BAE 3013 ENSC 3233 ENSC 2213 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4413</div>
BAE 2023 or Co, STAT 2013 or Co ENSC 3233 or Co <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 3313</div> BAE 4012 or Co	ENSC 2613 MATH 2233 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 3023</div> BAE 4012 or Co	BIOL 1114 pre or co: ³ CHEM 1225 or 1314 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">MICR 2123</div> MICR 2132 or Co	⁴ Contr Elect (3) Varies
MATH 1483 or 1513 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">STAT 2013</div> BAE 3313 or Co	BAE 2012 ENSC 3233 or Co <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 3113</div> BAE 4012 or Co	MICR 2123 or Co <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">MICR 2132</div>	⁴ Contr Elect (3) Varies
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">²S / D H / I</div>	MATH 2153 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">IEM 3503</div>	Varies <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">⁴Contr Elect (3)</div>	⁴ Contr Elect (2) Varies
	CHEM 1215 and 1225 or equivalent <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">CHEM 3013</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">²S / D H / I</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">²S / D H / I</div>

3. CHEM 1215 is also accepted as pre- or co-requisite to MICR 2123.
4. Controlled Electives - engineering &/or science electives to be selected from an approved list upon consultation with an advisor.



133 hours