



OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Pre-Professional School, 2013-2014

Biomechanical 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>Engineering Major</p> <p style="text-align: center;">BAE 1012</p> <p style="text-align: center;">BIOL 1114</p> <p style="text-align: center;">¹ENGL 1113</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 1332</p> <p style="text-align: center;">PHYS 2014</p> <p>Min C in MATH 2144</p> <p>BAE 1012 or Instructor Consent</p> <p style="text-align: center;">ENGL 1213</p>	<p>CHEM1314, 1414 or 1515 MATH 2144 PHYS 2014</p> <p style="text-align: center;">ENSC 2213</p> <p>MATH 2144 PHYS 1114 or 2014</p> <p style="text-align: center;">ENSC 2113</p> <p>C or better in PHYS 2014 or 2314</p> <p>Min C in MATH 2153</p> <p>BIOL 1114 or Co, MATH 2144 or Co</p> <p style="text-align: center;">BAE 2012</p> <p style="text-align: center;">POLS 1113</p>	<p style="text-align: center;">ENGR 1412</p> <p style="text-align: center;">ENSC 2123</p> <p style="text-align: center;">ENSC 3233</p> <p style="text-align: center;">ENSC 3233</p> <p>Min C in MATH 2153</p> <p style="text-align: center;">BAE 2023</p> <p style="text-align: center;">²S / D H / I</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 L. Rowan



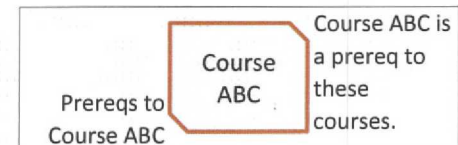
OSU - College of Engineering, Architecture & Technology

Biosystems Engineering Professional School, 2013-2014

Biomechanical Option

Semester 5, 15 credit hours	Semester 6, 18 credit hours	Semester 7, 16 credit hours	Semester 8, 15 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	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	Co-BAE 4012 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4001</div> BAE 4012 or Co	Varies <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">Eng/Sci Elective</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 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 4224	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 4012 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4023</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	BAE 3213 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">BAE 4224</div>	Varies <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">Eng/Sci Elective</div>
MATH 1483 or 1513 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">STAT 2013</div> BAE 3313 or Co	CHEM 1314 or 1414 or 1515 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">ENSC 3313</div> BAE 4012 or Co	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;">Eng/Sci Elective</div>
ENSC 2113 <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">ENSC 2143</div> BAE 3213 BAE 4012 or Co	Varies <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">Eng/Sci Elective</div>	Varies <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">Eng/Sci Elective</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>	<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>

Note: ENSC 2143 is not included in the PS/Major GPA calculation.
 An additional 'H' is included in the PS/Major GPA Requirement.



133 hours

David L. Thomas