Case Study II
I am a Sophomore and haven’t taken ISEN 220, how will the New ISEN Curriculum affect me?
My status

• I just transferred to ISEN
• It would be easier to tell you what I have
• I plan to do a Business Minor
• I finished most of the core curriculum
• I need 24 more classes without the minor and 6 more for the minor (without double counting)

My Options

• Staying in the Classic Curriculum
• Changing to the New Curriculum
• Adding the Business Minor to either curriculum
**Case Study II**

This is what I have...

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓ MATH 151 (Calculus I)</td>
<td>4</td>
<td>✓ MATH 152 (Calculus II)</td>
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</tr>
<tr>
<td>✓ PHYS 218</td>
<td>4</td>
<td>PHYS 208</td>
<td>4</td>
</tr>
<tr>
<td>✓ ENGR 111</td>
<td>2</td>
<td>ENGR 112</td>
<td>2</td>
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<tr>
<td>✓ ENGL 104</td>
<td>3</td>
<td>✓ CHEM 107</td>
<td>3</td>
</tr>
<tr>
<td>✓ POLS 206 (Core Curriculum)</td>
<td>3</td>
<td>✓ CHEM 117</td>
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<tr>
<td>✓ POLS 207 (Core Curriculum)</td>
<td>3</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>TOTAL</strong></td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓ MATH 251 (Calculus III)</td>
<td>3</td>
<td>MATH 304 (Linear Algebra)</td>
<td>3</td>
</tr>
<tr>
<td>✓ STAT 211</td>
<td>3</td>
<td>STAT 212</td>
<td>3</td>
</tr>
<tr>
<td>MMET 181 Manufacturing &amp; Assembly Processes I</td>
<td>3</td>
<td>MEEN 221 (Statics &amp; Dynamics)</td>
<td>3</td>
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<tr>
<td>✓ CSCE 206 (Programming)</td>
<td>4</td>
<td>MEEN 222 (Materials)</td>
<td>3</td>
</tr>
<tr>
<td>ISEN 101</td>
<td>1</td>
<td>✓ ENGL 210/301</td>
<td>3</td>
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<tr>
<td>ISEN 303</td>
<td>3</td>
<td>ISEN 220</td>
<td>3</td>
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<td><strong>TOTAL</strong></td>
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<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISEN 420</td>
<td>3</td>
<td>ISEN 314</td>
<td>3</td>
</tr>
<tr>
<td>ISEN 424</td>
<td>3</td>
<td>ISEN 315</td>
<td>3</td>
</tr>
<tr>
<td>MATH 308 (Differential Equations)</td>
<td>3</td>
<td>ISEN 316</td>
<td>3</td>
</tr>
<tr>
<td>ECEN 215 (Circuits)</td>
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<td>MEEN 315 (Thermodynamics)</td>
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</tr>
<tr>
<td>✓ American History (Core Curriculum)</td>
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<td>✓ American History (Core Curriculum)</td>
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<tr>
<td>✓ Creative Arts (Core Curriculum)</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<table>
<thead>
<tr>
<th>Senior Year</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISEN 416 (W)</td>
<td>4</td>
<td>ISEN 459 Senior Design</td>
<td>3</td>
</tr>
<tr>
<td>ISEN Technical Elective</td>
<td>3</td>
<td>ENGR 482 Engineering Ethics (W)</td>
<td>3</td>
</tr>
<tr>
<td>Technical Elective</td>
<td>3</td>
<td>ISEN Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td>✓ Social Behavioral Science (Core Curriculum)</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>13</td>
<td><strong>TOTAL</strong></td>
<td>12</td>
</tr>
</tbody>
</table>
Degree Plan in Classic Curriculum

Spring 2016
- ENGR 112
- PHYS 208
- MATH 304
- MMET 181
- STAT 212
- ISEN 220
= 14 Credits

Summer 2016
- ENGR 112
- PHYS 208
- MATH 304
- MMET 181
- STAT 212
- ISEN 220
= 6 Credits

Fall 2016
- ISEN 303
- ISEN 101
- MEEN 222
- ISEN 420
- ISEN 424
- ECEN 215
= 15 Credits

Spring 2017
- ISEN 314
- ISEN 315
- MEEN 316
- MEEN 315
- TE (FINC or MGMT)
= 15 Credits

Summer 2017
- ISEN 314
- ISEN 315
- MEEN 316
- MEEN 315
- TE (FINC or MGMT)
= 15 Credits

Fall 2017
- ISEN 314
- ISEN 315
- MEEN 316
- MEEN 315
- TE (FINC or MGMT)
= 15 Credits

Spring 2018
- ISEN 416
- ISEN TE
- ISEN 459
- ENGR 482
- ISEN Technical Elective (IE TE)
- ISEN Technical Elective
- Technical Elective (TE)
- Technical Elective
- ENGR 482
- FINC 409
- MGMT 309
- MGMT 209
- ACCT 209
- ISEN 209
- ISYS 209
- MKTG 409
= 9 Credits

I have 30 classes left:

- ENGR 112
- PHYS 208
- MMET 181
- ISEN 101
- ISEN 303
- Math 304
- STAT 212
- MEEN 221
- MEEN 222
- ISEN 220
- ISEN 220
- ISEN 420
- ISEN 424
- ECEN 215
- ISEN 314
- ISEN 315
- ISEN 316
- MEEN 315
- ISEN 416
- ISEN 459
- ISEN Technical Elective (IE TE)
- ISEN Technical Elective
- Technical Elective (TE)
- Technical Elective
However, by Fall 2016 only the new courses will be offered...

BUT I want to stay in the classic curriculum. So what do I do now?
Degree Plan in Classic Curriculum

Things to keep in mind:

- You will follow the classic curriculum and all its prerequisites.
  - i.e. for ISEN 460 you would need ISEN 314, 316, 416
- All you do is utilize the Course Equivalents to register for classes.
- You need to keep in mind of your W requirement. Because the W changed for some classes. You will get one for ISEN 460 and you need one more (ISEN 330, or ENGR 482)
- You will be short 1 credit hour because ISEN 416 (ISEN 405) will not longer be 4 credit hours. So the department will count 1 unused credit from any other course.
## Case Study II

### Degree Plan in New Curriculum

#### I have 30 classes left:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2016</td>
<td>ENGR 112, PHYS 208, MATH 304, MMET 181, MGMT 209, ISEN 220</td>
<td>14</td>
</tr>
<tr>
<td>Summer 2016</td>
<td>PHYS 208, MEEN 221</td>
<td>6</td>
</tr>
<tr>
<td>Fall 2016</td>
<td>MEEN 222, ISEN 320, ISEN 330 (W), ISEN 310, ECEN 215</td>
<td>15</td>
</tr>
<tr>
<td>Spring 2017</td>
<td>ISEN 340, ISEN 370, ISEN 355, ISEN 310, ISEN 210</td>
<td>16</td>
</tr>
<tr>
<td>Summer 2017</td>
<td>ACCT 209, ISYS 209, ISEN 370, ISEN 355, ISEN 210</td>
<td>6</td>
</tr>
<tr>
<td>Fall 2017</td>
<td>ISEN TE, ISEN TE, ISEN TE, ISEN TE, TE (FINC or MGMT)</td>
<td>12</td>
</tr>
<tr>
<td>Spring 2018</td>
<td>ISEN 460 (W), ISEN TE, ISEN TE, ISEN TE, ISEN Technical Elective (IE TE)</td>
<td>15</td>
</tr>
<tr>
<td>Summer 2018</td>
<td>ISEN 460 (W), ISEN TE, ISEN TE, ISEN Technical Elective (IE TE)</td>
<td>15</td>
</tr>
<tr>
<td>Fall 2018</td>
<td>ISEN 460 (W), ISEN TE, ISEN TE, ISEN Technical Elective (IE TE)</td>
<td>15</td>
</tr>
</tbody>
</table>

- ENGR 112
- PHYS 208
- MATH 304
- MMET 181
- MGMT 209
- ISEN 220
- ACCT 209
- ISYS 209
- MKTG 409
- FINC 409
- MGMT 309
- MGMT 209
- ACCT 209
- ISYS 209
- FINC 409
- MGMT 309
- MGMT 209
- ACCT 209
- ISYS 209
- MKTG 409
- ENGR 482
- FINC 409
- MGMT 309
- MGMT 209
- ACCT 209
- ISYS 209
- MKTG 409
### Degree Plan in New Curriculum

#### Spring 2016
- ENGR 112
- MATH 304
- MMET 181
- MGMT 209
- ISEN 220
- **14 Credits**

#### Summer 2016
- PHYS 208
- MEEN 221
- **6 Credits**

#### Fall 2016
- MEEN 222
- ISEN 320
- ISEN 330 (W)
- ISEN 310
- ECEN 215
- **15 Credits**

#### Spring 2017
- ISEN 340
- ISEN 370
- ISEN 355
- ISEN 350
- ISEN 210
- **16 Credits**

#### Summer 2017
- ACCT 209
- ISYS 209
- **6 Credits**

#### Fall 2017
- ISEN TE
- ISEN TE
- ISEN TE
- TE (FINC or MGMT)
- MKTG 409
- **15 Credits**

#### Spring 2018
- ISEN 460 (W)
- ENGR 482
- ISEN TE
- ISEN TE
- TE (FINC or MGMT)
- **12 Credits**

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**I have 30 classes left:**

- For this student switching to the new degree plan is almost a “no brainer”
- It will not affect the student with the graduation date and it won’t add more classes
- The new curriculum offers more flexibility and greater options with the ISEN TE
- Should you wait to take STAT 212 if you are switching to the New Curriculum?
  - Yes, you would be able to take the new course ISEN 310 that is a better bridge between STAT and ISEN
- What if I want a Minor in STAT?
  - Then take STAT 212 in the Spring 2016 as long as you have STAT 211
  - STAT 212 is a required course for the STAT Minor
- Should I take ISEN 310?
  - You don’t have to and classes will be adjusted accordingly
  - However, if you can we highly recommended it
  - STAT 212 would be a TE
- However, do not wait to take ISEN 220 or you will fall one semester behind