Case Study IV

I am a Sophomore and I AM taking ISEN 220 right now, but I do not have STAT 212 yet; how will the New ISEN Curriculum affect me?
My status

• I am done with ISEN 220
• I delayed STAT 212 😞
• I Am done with MATH 308 and ECEN 215 from the Junior year
• I finished most of the core curriculum
• I want a STAT Minor
• I need 16 more classes plus 3 from the minor

My Options

• Staying in the Classic Curriculum
• Changing to the New Curriculum
• Adding the STAT Minor to either curriculum
This is what I have...

### Freshman Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓ MATH 151 (Calculus I)</td>
<td>4</td>
<td>✓ MATH 152 (Calculus II)</td>
<td>4</td>
</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>
</tr>
<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>
<td>1</td>
</tr>
<tr>
<td>✓ POLS 207 (Core Curriculum)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong> 16</td>
<td></td>
<td><strong>TOTAL</strong> 17</td>
<td></td>
</tr>
</tbody>
</table>

### Sophomore Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<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>
</tr>
<tr>
<td>✓ ISEN 303</td>
<td>3</td>
<td>✓ ISEN 220</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong> 17</td>
<td></td>
<td><strong>TOTAL</strong> 18</td>
<td></td>
</tr>
</tbody>
</table>

### Junior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<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>
<td>3</td>
<td>MEEN 315 (Thermodynamics)</td>
<td>3</td>
</tr>
<tr>
<td>✓ American History (Core Curriculum)</td>
<td>3</td>
<td>American History (Core Curriculum)</td>
<td>3</td>
</tr>
<tr>
<td>✓ Creative Arts (Core Curriculum)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong> 18</td>
<td></td>
<td><strong>TOTAL</strong> 15</td>
<td></td>
</tr>
</tbody>
</table>

### Senior Year

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hrs</th>
<th>Second Semester</th>
<th>Hrs</th>
</tr>
</thead>
<tbody>
<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>Technical Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong> 13</td>
<td></td>
<td><strong>TOTAL</strong> 12</td>
<td></td>
</tr>
</tbody>
</table>
Degree Plan in Classic Curriculum

Spring 2016
- ISEN 420
- ISEN 315
- STAT 212
- HIST
- 12 Credits

Summer 2016
- SBS

Fall 2016
- ISEN 314
- ISEN 424
- MEEN 315
- TE (STAT 414)
- 12 Credits

Spring 2017
- ISEN 316
- ISEN 416
- ISEN TE
- TE (STAT 4xx)
- 12 Credits

Fall 2017
- ISEN 459
- ENGR 482
- ISEN TE
- STAT 4xx
- 12 Credits

I have 19 classes left:

- ISEN 420
- ISEN 424
- STAT 212
- HIST (Core)
- ISEN 314
- ISEN 315
- ISEN 316
- MEEN 315
- ISEN 416
- ISEN Technical Elective (IE TE)
- Technical Elective

- Social Behavioral Science
- ISEN 459
- ENGR 482
- ISEN Technical Elective
- Technical Elective
- STAT 414 or MATH 411
- STAT 4xx
- STAT 4xx
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

Spring 2016
- ISEN 420
- ISEN 315
- STAT 212
- HIST
- 12 Credits

Summer 2016
- SBS

Fall 2016
- ISEN 314
- ISEN 350
- ISEN 424
- ISEN 355
- MEEN 315
- TE (STAT 414)
- 12 Credits

Spring 2017
- ISEN 316
- ISEN 453
- ISEN 416
- ISEN 405
- ISEN TE
- TE (STAT 4XX)
- 12 Credits

Fall 2017
- ISEN 459
- ISEN 460
- ENGR 482
- ISEN TE
- ISEN TE
- STAT 4XX
- 12 Credits

Case Study IV

I have 19 classes left:
- ISEN 420
- ISEN 424
- ISEN 355
- STAT 212
- HIST (Core)
- ISEN 314
- ISEN 350
- ISEN 315
- ISEN 316
- ISEN 453
- MEEN 315
- ISEN 416
- ISEN 405
- ISEN Technical Elective (IE TE)
- Technical Elective
- Social Behavioral Science
- ISEN 459
- ISEN 460
- ENGR 482
- ISEN Technical Elective
- Technical Elective
- STAT 414 or MATH 411
- STAT 4xx
- STAT 4xx
Degree Plan in Classic Curriculum

I have 19 classes left:

- Just like the case above, you would follow the Classic Curriculum and its prerequisites
- You will need to utilize the Course Equivalence page
- If you take the classes in this order, you will NOT be able to take ENGR 482 online because you will need to satisfy your “W” with ISEN 460 and ENGR 482
- You HAVE to take STAT 212 in Spring 2016
Degree Plan in NEW Curriculum

Spring 2016
- ISEN 420
- ISEN 315
- STAT 212
- ISEN 430

12 Credits

Summer 2016
- SBS
- HIST

Fall 2016
- ISEN 340
- ISEN 350
- ISEN 355
- TE (STAT 414)

12 Credits

Spring 2017
- ISEN TE
- ISEN TE
- TE (STAT 4XX)

12 Credits

Fall 2017
- ISEN 460
- ENGR 482
- ISEN TE
- STAT 4XX

12 Credits

I have 20 classes left:
- ISEN 420
- ISEN 430
- STAT 212
- ISEN 424 ISEN 355
- ISEN 340
- HIST (Core)
- ISEN 314 ISEN 350
- ISEN 315
- ISEN 316 ISEN 453
- MEEN 315
- ISEN 416
- ISEN Technical Elective (IE TE)
- ISEN Technical Elective
- ISEN Technical Elective
- Technical Elective
- Social Behavioral Science
- ISEN 459 ISEN 460
- ENGR 482
- ISEN Technical Elective
- Technical Elective
- STAT 414 or MATH 411
- STAT 4xx
- STAT 4xx
Degree Plan in NEW Curriculum

I have 20 classes left:

- In this case, you no longer need MEEN 315
- You need to satisfy 4 new requirements:
  - ISEN 430/330(W)
  - ISEN 340
  - ISEN TE
  - ISEN TE
- ISEN 316 and ISEN 416 are no longer required
- If you take the classes in this order, you will NOT be able to take ENGR 482 online because you will need to satisfy your “W” with ISEN 460 and ENGR 482
- Notice, you potentially could graduate earlier.
- For this student, the decision is not as clear. However, the New Curriculum offer more flexibility and the potential opportunity to graduate earlier.