MAE Study Abroad Planning Guide

This plan is offered as a general guide of how one might plan a course sequence if the goal is to incorporate a semester of study abroad into the mechanical engineering curriculum. It is not the only way to include a semester abroad while meeting the major requirements, but it is a plan that can work for many students. Students should use this as a starting point for planning, discuss options with their advisors, and make use of other advising resources to devise an individual plan.

It includes some assumptions:

- The student accepts no advanced placement credit.
  - Other variations may be possible depending on AP credit, summer classes, and other interests.
- The student is going to a country/program where it is customary to take 4 classes.
  - The student is going abroad for one semester.
  - Those interested in a year abroad should consult with an advisor about the Cornell-Cantabria program.

### First Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 1910</td>
<td>Math 1920</td>
</tr>
<tr>
<td>CS 111X</td>
<td>ENGRI</td>
</tr>
<tr>
<td>Chem 2090</td>
<td>Physics 1112</td>
</tr>
<tr>
<td>FWS</td>
<td>FWS</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Liberal Studies</td>
</tr>
<tr>
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<td>Physical Education</td>
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### Second Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 2930</td>
<td>Math 2940</td>
</tr>
<tr>
<td>ENGRD 2210</td>
<td>MAE 2030</td>
</tr>
<tr>
<td>ENGRD 2020</td>
<td>MAE 2120</td>
</tr>
<tr>
<td>Physics 2213</td>
<td>MAE 2250</td>
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<tr>
<td>Liberal Studies</td>
<td>Liberal Studies</td>
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### Third Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester - Abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAE 3780*</td>
<td>MAE 3240</td>
</tr>
<tr>
<td>MAE 3250 or 3270**</td>
<td>Advisor Approved Elective</td>
</tr>
<tr>
<td>MAE 3230</td>
<td>Technical Elective*</td>
</tr>
<tr>
<td>Math Elective*</td>
<td>Liberal Studies</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td></td>
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### Fourth Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics 2214</td>
<td>MAE 3260</td>
</tr>
<tr>
<td>MAE 4300</td>
<td>MAE 3272 or 3280**</td>
</tr>
<tr>
<td>MAE 4272</td>
<td>MAE Senior Design*</td>
</tr>
<tr>
<td>Major Approved Elective*</td>
<td>Major Approved Elective*</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>Advisor Approved Elective</td>
</tr>
</tbody>
</table>

* Consult the Engineering Handbook and Major Handbook/Website for additional guidance and requirements.

** MAE 3270 and 3280 will be taught starting in the 2017-2018 academic year.