## Suggested 4 Year Course Plan

### Math / Science Requirements

<table>
<thead>
<tr>
<th>FRESHMAN</th>
<th>SOPHOMORE</th>
<th>JUNIOR</th>
<th>SENIOR</th>
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<tr>
<td>FALL</td>
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<td>SPRING</td>
<td>FALL</td>
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<td>MTH 251</td>
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<td>LINEAR ALG</td>
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<td>CHEM 221</td>
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<td>PHYSICS</td>
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**STAT 353***

### Engineering / Computer Science Requirements

<table>
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<tr>
<th>FRESHMAN ENGINEERING</th>
<th>STATICS</th>
<th>STREN OF MAT</th>
<th>DYNAM -ICS</th>
<th>ENGR</th>
<th>FLUID</th>
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<th>CAPSTONE</th>
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<tbody>
<tr>
<td>ME 120</td>
<td>EAS 211</td>
<td>EAS 212</td>
<td>EAS 215</td>
<td>ME 321</td>
<td>ME 320</td>
<td>ME 329</td>
<td>ME 491</td>
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<td>ME 121</td>
<td>ME 213</td>
<td>PROOF MAT</td>
<td>PROP CIRC</td>
<td>EAS 215</td>
<td>EAS 215</td>
<td>EAS 215</td>
<td>ME 492</td>
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<td>ME 122</td>
<td>ECE 241</td>
<td>ME 241</td>
<td>ECE 241</td>
<td>ME 313</td>
<td>ME 314</td>
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<td>PROG OF MAT</td>
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<td>ME 313</td>
<td>ME 314</td>
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**ME 488**

### General Education Requirements

<table>
<thead>
<tr>
<th>FRESHMAN INQUIRY</th>
<th>SOPHOMORE INQUIRY</th>
<th>TECH</th>
<th>PRIV</th>
<th>UNST</th>
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<td>WR 327</td>
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</table>

**WR 121 AND COMM 100 OR 220**

### EXPLANATION

- **CREDIT HOURS**
  1. ME 491 & 492 FULLFILL UNST CAPSTONE
  2. SHADED AREA = CORE ADMISSION REQUIREMENTS
  3. TRANSFER STUDENTS WITH MORE THAN 30 CREDITS
  4. MUST COMPLETE WR 121 AND COMM 100 OR 220 INSTEAD OF FRINQ

**STUDENTS MAY SUBSTITUTE PHYSICS 211-213 FOR PHYSICS 221-223**

Refer to the PSU Bulletin for General Education Requirements

*We are currently transitioning to a ME-specific statistics course (STAT 353) that will prepare you adequately for ME 488. Note: If you have already taken STAT 451 prior to your junior year, it will fulfill the statistics requirement. If you have not, it is strongly advised that students take STAT 353.*

**http://www.pdx.edu/mme/undergraduate-mme**

http://www.portlandstate.edu/
General Education Requirements  
Undergraduate Engineering Programs

There are two (2) separate sets of general education requirements:
1. University Requirements
2. Maseeh College of Engineering and Computer Science (MCECS) Requirements
You must satisfy BOTH sets of requirements.

University Requirements
A. Freshmen entering with 29 or fewer prior university/college credits must complete all University Studies Requirements, including freshman and sophomore inquiry sequences and upper division cluster courses.
B. Continuing and transfer students with 30-89 prior university/college credits must complete the following program:
   • Sophomore Inquiry: 30-59 credits, three courses; 60-74 credits, two courses; 75-89 credits, one course. The upper division cluster must be linked with one of these Sophomore Inquiry courses.
   • Upper Division Cluster: three courses
C. Continuing and transfer students with 90 or more prior university/college credits must complete the following program:
   • University Studies requirements beginning with Upper Division Cluster courses. It is strongly recommended that students also take the single Sophomore Inquiry course that is linked to the chosen Upper Division Cluster.

PLACEMENT FOR TRANSFER STUDENTS

<table>
<thead>
<tr>
<th>CREDITS TRANSFERRED</th>
<th>UNIVERSITY STUDIES PLACEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-29 Credits</td>
<td>Freshman Inquiry</td>
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<tr>
<td>30-59 Credits</td>
<td>3 Sophomore Inquiries</td>
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<tr>
<td>60-74 Credits</td>
<td>2 Sophomore Inquiries</td>
</tr>
<tr>
<td>75-89 Credits</td>
<td>1 Sophomore Inquiries</td>
</tr>
<tr>
<td>90 or more credits</td>
<td>Upper Division Cluster</td>
</tr>
</tbody>
</table>

Maseeh College of Engineering and Computer Science General Education Requirements
   a) Transfer students must have a minimum of 39 credits of University Studies courses and/or Arts and Letters/Social Science courses at their previous college or at PSU prior to graduation. 12 of these credits are upper division cluster courses that must be taken at PSU.
   b) Transfer students who have not taken Freshman Inquiry must have completed:
      For Computer, Electrical, and Mechanical: WR 121 and COMM 100 or 220 or equivalent course
      For Civil and Environmental: WR 121, WR 227, and COMM 100 or 220(recommended)
   c) All engineering students must complete EC 314U Public and Private Investment Analysis. Students may use EC 314U as a University Studies course in the Community Studies Cluster and the Knowledge, Values and Rationality.

Students should consult with their academic advisor or department chair regarding these requirements.