Change of Major Requirements and Policies
For Students Admitted to General Engineering
Effective Spring 2016 Cycle and After

The College of Engineering offers the following undergraduate degree granting engineering majors:

<table>
<thead>
<tr>
<th>Aerospace Engineering (AE)</th>
<th>Electrical Engineering (EE)</th>
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<tbody>
<tr>
<td>Biological Systems Engineering (BSE)</td>
<td>Engineering Science and Mechanics (ESM)</td>
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<tr>
<td>Chemical Engineering (CHE)</td>
<td>Industrial and Systems Engineering (ISE)</td>
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<tr>
<td>Civil Engineering (CE)</td>
<td>Materials Science and Engineering (MSE)</td>
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<tr>
<td>Computer Engineering (CPE)</td>
<td>Mechanical Engineering (ME)</td>
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<tr>
<td>Computer Science (CS)</td>
<td>Mining Engineering (MINE)</td>
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<tr>
<td>Construction Engineering and Management (CEM)</td>
<td>Ocean Engineering (OE)</td>
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The College of Engineering Major/Minor Application is available electronically prior to the beginning of fall, spring, and summer at: http://www.enge.vt.edu/Undergraduate/changing_majors.

Students admitted to General Engineering through the Office of Undergraduate Admissions must meet the following requirements to apply to a degree-granting engineering major:

1. Course Requirements to Enter Engineering Majors
   - CHEM 1035: General Chemistry
   - CHEM 1045: General Chemistry Lab
   - ENGE 1215: Foundations of Engineering (C- minimum)
   - ENGL 1105: First-Year Writing
   - MATH 1225: Calculus
   - ENGE 1216: Foundations of Engineering (C- minimum)
   - ENGL 1106: First-Year Writing
   - MATH 1226: Calculus
   - PHYS 2305: Foundations of Physics

2. Credit Hours
   2.1. Students must complete at least 12 GPA hours at Virginia Tech prior to completing the change of major application.
   2.2. Students must complete the change of major application to a degree-granting engineering major with no more than 55 GPA hours at Virginia Tech.

3. GPA Policies
   Degree granting engineering majors accept applicants on a space-available basis
   3.1 Students must have a minimum 2.0 overall GPA at the time of application.
   3.2 Students with a minimum 3.0 overall Virginia Tech GPA at the time of application are guaranteed their first choice major.
   3.3 Students below a 3.0 overall Virginia Tech GPA at the time of application will be rank ordered according to their GPA and placed in their first, second, or third choice based on space availability.
4. **Coursework Completion**

All required coursework must be completed (not currently enrolled) and displayed with a final grade on the Virginia Tech Unofficial transcript **at the time of application**.

4.1. Students using transfer credit to meet any of the course requirements must have the transfer credit posted on the Virginia Tech Unofficial transcript **at the time of application**.

4.2. There may be a delay of weeks/months from Registrar’s receipt of the official transcript from the transfer institution to having credit show on student’s transcript (viewed in Hokie Spa). Major changes will not be processed until all credits are officially awarded and showing on the Virginia Tech transcript, which may delay the student’s ability to submit a College of Engineering Change of Major Application.