# 3-Year Major Guide

**Major/Program:** Chemistry (Engineering)  
**College:** Science and Mathematics  
**Department:** Physical Science  
**Contact:** Dave Slimmer, Dean  
**2017-2018**

### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Notes</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 111</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>CHEM 199</td>
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<tr>
<td>CIS 130</td>
<td>Logic &amp; Analytical Thought (General Education)</td>
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<tr>
<td>MATH 141</td>
<td>Mathematics (General Education)</td>
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</tr>
<tr>
<td>ENGL 101</td>
<td>Writing (General Educ.)</td>
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<tr>
<td>LINK 101</td>
<td>University Requirement</td>
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**Subtotal:** 17

### Second Semester

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<th>Hours</th>
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<td>CHEM 112</td>
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<tr>
<td>CHEM 199</td>
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<td>PEES 175</td>
<td>Wellness (General Educ.)</td>
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<td>PEES 176</td>
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<td>ENGL 102</td>
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**Subtotal:** 18

**Yearly Totals:** 35

### First Semester

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<tbody>
<tr>
<td>CHEM 221</td>
<td>Laboratory Science (General Education)</td>
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<tr>
<td>PHYS 211</td>
<td>Laboratory Science (General Education)</td>
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<tr>
<td>MATH 241</td>
<td>University Requirement</td>
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<tr>
<td>Foreign Language*</td>
<td>or General Education</td>
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<tr>
<td>CIS 202***</td>
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**Subtotal:** 18

### Second Semester

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<th>Hours</th>
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<tr>
<td>CHEM 222</td>
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<td>PHYS 212</td>
<td>Laboratory Science (General Education)</td>
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<tr>
<td>MATH 242</td>
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<tr>
<td>Foreign Language*</td>
<td>University Requirement</td>
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<tr>
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**Subtotal:** 18

**Yearly Totals:** 36

### Third Year

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<td>CHEM 351</td>
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<tr>
<td>CHEM 401</td>
<td>or General Education</td>
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<tr>
<td>CIS 202***</td>
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**Subtotal:** 16

### Fourth and Fifth Year

Clemson University

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**Subtotal:** 0

**Yearly Totals:** 0

### Total Hours Required: 104

*(FROM LANDER)*

*Students placing out of foreign language should consider taking general education courses. Students will complete 34 hours of general education requirements and 8 university requirements at Lander.*

**Behavioral Science (PSYC 101 or SOCI 101); Fine Arts (MUSI 101 or THTR 201); History (HIST 102 or HIST 103); Political Economy (ECON 201, POLS 101, or POLS 103); Global Issues/Nonwestern Studies*

***CIS 202 is only offered during odd-numbered fall semesters***