# Prerequisite Structure of the BS Bioengineering Program

<table>
<thead>
<tr>
<th>1st Year</th>
<th>Fall</th>
<th>1st Year</th>
<th>Spring</th>
<th>2nd Year</th>
<th>Fall</th>
<th>2nd Year</th>
<th>Spring</th>
<th>3rd Year</th>
<th>Fall</th>
<th>3rd Year</th>
<th>Spring</th>
<th>4th Year</th>
<th>Fall</th>
<th>4th Year</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CHB 111</td>
<td>Intro. to Chem. &amp; Bioeng. I</td>
<td>MAT 126</td>
<td>Calculus I</td>
<td>CHY 121</td>
<td>Intro. to Chemistry</td>
<td>PHY 121</td>
<td>Physics for Engineers I</td>
<td>ENG 101</td>
<td>English</td>
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<tr>
<td>CHB 112</td>
<td>Intro. to Chem. &amp; Bioeng. II</td>
<td>MAT 127</td>
<td>Calculus II</td>
<td>CHY 122</td>
<td>Intro. to Chemistry Lab.</td>
<td>PHY 122</td>
<td>Physics for Engineers II</td>
<td>BMB 280</td>
<td>Cell &amp; Molecular Biology</td>
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## 1st Year

- **Fall:** CHB 111, MAT 126, CHY 121, PHY 121, ENG 101
- **Spring:** CHB 112, MAT 127, CHY 123

## 2nd Year

- **Fall:** BLE 201, MAT 228, CHY 251, BIO 208
- **Spring:** BLE 202, MAT 258, CHY 252

## 3rd Year

- **Fall:** BLE 401, CHB 361, CHB 350, ECE 209
- **Spring:** BLE 402, CHB 363, BMB 322

## 4th Year

- **Fall:** CHB 479, CHB 493, CHB 477
- **Spring:** CHB 493, CHB 478, CHB 495

## Legend

- **Prerequisite:** Connected by a solid line.
- **Corequisite:** Connected by a dashed line.
- **Engineering:** Course covers engineering.
- **Mathematics:** Course covers mathematics.
- **Chemistry:** Course covers chemistry.
- **Biological Sciences:** Course covers biological sciences.
- **Physics:** Course covers physics.
- **Technical Elective:** Course covers technical elective.
- **General Education:** Course covers general education.