Bachelor of Science - **BIOCHEMISTRY AND MOLECULAR BIOLOGY**  
**SUGGESTED COURSE SEQUENCE**

### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>BIOL 224</td>
<td>4</td>
</tr>
<tr>
<td>MATH ___ (above 110) [MATH 131]</td>
<td>4</td>
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<tr>
<td>MATH 133</td>
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</tr>
<tr>
<td>GEN ED ELECTIVE [CHEM 121] or LANG*</td>
<td>4</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>16</strong></td>
</tr>
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<table>
<thead>
<tr>
<th><strong>Second Semester</strong></th>
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<tbody>
<tr>
<td>EVAN 101</td>
<td>2</td>
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<tr>
<td>BWVW 101</td>
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<td>UNIV 101</td>
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<tr>
<td>NSSR 101</td>
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<td><strong>TOTAL</strong></td>
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### SOPHOMORE YEAR

<table>
<thead>
<tr>
<th><strong>First Semester</strong></th>
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<tbody>
<tr>
<td>BIOL 301</td>
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<tr>
<td>CHEM 301</td>
<td>4</td>
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<tr>
<td>MATH 211</td>
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</tr>
<tr>
<td>ENGL 102, MUSC 200, ARTS 209</td>
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<tr>
<td>PSYC 150</td>
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</tr>
<tr>
<td>CSER</td>
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<tr>
<td><strong>TOTAL</strong></td>
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### JUNIOR YEAR

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<tr>
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<tbody>
<tr>
<td>BCHM 451</td>
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</tr>
<tr>
<td>NAT SCI ___ [PHYS 231]</td>
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<tr>
<td>ENGL 201, 202, 215, 216, 221, 222, MUSC 213, 314, 371, ARTS 205, 214</td>
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</tr>
<tr>
<td>BIBL 105 or ^205</td>
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<tr>
<td>CSER</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>14</td>
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<tr>
<td><strong>TOTAL</strong></td>
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### SENIOR YEAR

<table>
<thead>
<tr>
<th><strong>First Semester</strong></th>
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<tbody>
<tr>
<td>BIOL 303</td>
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<tr>
<td>BIOL 455</td>
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<tr>
<td>THEO 201</td>
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<tr>
<td>CSTU 101 or 102, THEA 101, ARTS 105, CINE 101, MUSC 103, 311, 312, 313 or LANG*</td>
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<tr>
<td>CSER</td>
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</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>13</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>14</strong></td>
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^Options available to Honors students  
*See DCP or LANG requirement

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**GRADUATION REQUIREMENTS for B.S. in Biochemistry and Molecular Biology**

- **120 Total Hours**
  1. 36 hours of upper level (300/400 courses)
  2. 30 semester hours completed at Liberty  
  3. 50% of the major and the minor must be completed at Liberty
- **Cumulative GPA must be 2.0 or higher**
  4. Must have a "C" in the major and Directed Courses
- **Christian/Community Service Assignments**
  5. GNED 101 & 102 must be completed by all freshmen and transfer students within the first and second semesters of a student’s program. This is the Christian/Community Service (CSER) requirement for the first year at Liberty. After completing GNED 101 & 102, students may choose a CSER from the 200, 300, 400, or 500 series.
- **Graduation Application**
  6. Submission of Graduation Application must be completed within the last semester of a student’s anticipated graduation date.