# BIOCHEMISTRY AND MOLECULAR BIOLOGY, BSAG

## Requirements for Students Matriculating in or before Academic Year 2020-2021

Learn more about University Academic Regulation 3.1 ([http://catalog.okstate.edu/university-academic-regulations/#matriculation](http://catalog.okstate.edu/university-academic-regulations/#matriculation)).

**Minimum Overall Grade Point Average:** 2.00  
**Total Hours:** 120

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<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td><strong>English Composition</strong></td>
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<td>See Academic Regulation 3.5 (<a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition/">http://catalog.okstate.edu/university-academic-regulations/#english-composition/</a>)</td>
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<tr>
<td>ENGL 1113</td>
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<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
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<td>ENGL 1213</td>
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<td>ENGL 1413</td>
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<td>ENGL 3323</td>
<td>Technical Writing</td>
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<td><strong>American History &amp; Government</strong></td>
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<td>AGEC 1113</td>
<td>Introduction to Agricultural Economics (S)</td>
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<td><strong>Additional General Education</strong></td>
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<td><strong>Agricultural Sciences and Natural Resources Core</strong></td>
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<td>AG 1011</td>
<td>First Year Seminar</td>
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<td><strong>Group 1:</strong></td>
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<tr>
<td>PLNT 1213</td>
<td>Introduction to Plant and Soil Systems</td>
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<td>Elements of Forestry</td>
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<td>BCOM 3443</td>
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<td>Physical Chemistry for Biologists</td>
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<td>Physical Chemistry I</td>
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<td>Senior Seminar in Biochemistry</td>
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<td>Principles of Analytical Chemistry</td>
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<td>Organic Chemistry I</td>
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<td>CHEM 3112</td>
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<td>BIOL 1604</td>
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<td>STAT 4013</td>
<td>Statistical Methods I (A) (if not used as (A) above)</td>
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**Hours Subtotal** | 67

**Electives**

Select 0 hours or hours to complete required total for degree | 0

**Total Hours** | 120

1. College & Departmental requirements that may be used to meet GE requirements.
2. If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3.
3. If used as (S) course above, hours in this block reduced by 3.
4. Total hours of BIOC 1990 Freshman Research in Biochemistry and Molecular Biology and BIOC 4990 Undergraduate Research may not exceed 10 hours.

**Other Requirements**

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.
Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.