# Biology and Biochemistry—Bachelor of Science

### TCCNS Courses

<table>
<thead>
<tr>
<th>Communication (6 hours)</th>
<th>UH</th>
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<tbody>
<tr>
<td>ENGL 1301 English Composition I</td>
<td>1303</td>
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<tr>
<td>ENGL 1302 English Composition II</td>
<td>1304</td>
</tr>
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<thead>
<tr>
<th>Math &amp; Math/Reasoning (6 hours)</th>
<th>UH</th>
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<tbody>
<tr>
<td>MATH 2413 Calculus I</td>
<td>1431</td>
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<tr>
<td>MATH 2414 Calculus II</td>
<td>1432</td>
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<thead>
<tr>
<th>Life &amp; Physical Sciences (6 hours)</th>
<th>UH</th>
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<tr>
<td>BIOL1406 General Biology I</td>
<td>1361/1161</td>
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<tr>
<td>BIOL1407 General Biology II</td>
<td>1362/1162</td>
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### MAJOR REQUIREMENTS

| CHEM 1411 General Chemistry I     | 1331/1111 |
| CHEM 1412 General Chemistry II    | 1332/1112 |
| CHEM 2423 Organic Chemistry I     | 3331/3221*|
| CHEM 2425 Organic Chemistry II    | 3332/3222**|

| PHYS 1401 College Physics I       | 1301/1101 |
| PHYS 1402 College Physics II      | 1302/1102 |
| PHYS 2325 University Physics I    | 1321     |
| PHYS 2125 University Physics I Lab| 1121     |
| PHYS 2326 University Physics II   | 1322     |
| PHYS 2126 University Physics II Lab| 1122    |
| PHYS 2425 University Physics I w/Lab | 1321/1121 |
| PHYS 2426 University Physics II w/Lab | 1322/1122 |

*Non-Advanced Credit Only.* Students that are seeking completion of the Chemistry minor are required to complete Organic Chemistry coursework at the University of Houston, to receive advanced credit and meet residency and advanced hours requirements.

*These courses are required for students in the Biochemistry program only.

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**Office of Admissions:** 713-743-1010  
[www.uh.edu/transfer](http://www.uh.edu/transfer)

**Department of Biology and Biochemistry:** 713-743-2626  
[www.uh.edu/nsm](http://www.uh.edu/nsm)