## UTILITY ARTICULATION AGREEMENT
### CHEMISTRY

This program leads to an Associate of Arts degree from Hiwasse College and a Bachelor of Science with a major in Chemistry from the University of Tennessee.

### HIWASSEE COLLEGE

<table>
<thead>
<tr>
<th>Course</th>
<th>Freshman</th>
<th>Sophomore</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>fall</td>
<td>spring</td>
</tr>
<tr>
<td>English 1010-1020</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>1^Intermediate Foreign Language</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 1910-1920</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 1110-1120</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>College Studies 1000</td>
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<td>-</td>
</tr>
<tr>
<td>Physical Education Activity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Public Programs</td>
<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>16.5</td>
<td>15.5</td>
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</table>

### UNIVERSITY OF TENNESSEE

<table>
<thead>
<tr>
<th>Course</th>
<th>Freshman</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor (optional)</td>
<td>15 or more</td>
</tr>
<tr>
<td>Upper Level Distribution</td>
<td>6</td>
</tr>
<tr>
<td>Major</td>
<td>24</td>
</tr>
<tr>
<td>Electives</td>
<td>0-27^4</td>
</tr>
<tr>
<td>Humanities List A, B, or C</td>
<td>3</td>
</tr>
<tr>
<td>Communicating Through Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>60 or more^4</td>
</tr>
</tbody>
</table>

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1^Students lacking two years of study in the same foreign language at the high school level will take a pre-requisite to this sequence: one year of beginning French or Spanish.

2^Chosen from: ENG 2110, 2120, 2210, 2220, 2300, 2410, or 2420.

3^Chosen from: POL 1020; PSY 1110; SOC 1010, 1020 (Two disciplines must be represented).

4^Upper division credits must total a minimum of 42 semester hours.