## Transfer Plan for Chemistry and Biochemistry

Bachelor of Science (B.S.) at WTAMU; A.S. at South Plains College

<table>
<thead>
<tr>
<th>NOTES</th>
<th>Core Curriculum Requirements*</th>
<th>HRS</th>
<th>CORE #</th>
<th>Major Core Requirements**</th>
<th>HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>ENGL 1301 - Composition I</td>
<td>3</td>
<td>10</td>
<td>CHEM 1411</td>
<td>4</td>
</tr>
<tr>
<td>b</td>
<td>ENGL 1302 - Composition II</td>
<td>3</td>
<td>10</td>
<td>CHEM 1412</td>
<td>4</td>
</tr>
<tr>
<td>c</td>
<td>Any SPCH course</td>
<td>3</td>
<td>11</td>
<td>CHEM 2523</td>
<td>4</td>
</tr>
<tr>
<td>d</td>
<td>MATH 1314 or higher</td>
<td>3</td>
<td>20</td>
<td>CHEM 2525</td>
<td>4</td>
</tr>
<tr>
<td>e</td>
<td>Natural Science</td>
<td>6</td>
<td>30</td>
<td>MATH 1316</td>
<td>3</td>
</tr>
<tr>
<td>f</td>
<td>Humanities</td>
<td>3</td>
<td>40</td>
<td>PHYS 2425</td>
<td>4</td>
</tr>
<tr>
<td>g</td>
<td>Visual and Performing Arts</td>
<td>3</td>
<td>50</td>
<td>PHYS 2426</td>
<td>4</td>
</tr>
<tr>
<td>h</td>
<td>HIST 1301 or 2301 and 1302 or 2301</td>
<td>6</td>
<td>60</td>
<td>Additional Courses for the Associate Degree</td>
<td>27</td>
</tr>
<tr>
<td>i</td>
<td>GOVT 2301, 2302 - Government of U.S., Texas</td>
<td>6</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j</td>
<td>Social and Behavioral Sciences</td>
<td>3</td>
<td>80</td>
<td></td>
<td></td>
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<tr>
<td>k</td>
<td>Institutionally Designated Option</td>
<td>3</td>
<td>90</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>42</strong>*</td>
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</tr>
</tbody>
</table>

Please note that not all courses may be offered each semester at the community college. Check with your counselor for availability of courses, as well as the option to pursue an associate's degree.

### Explanation of Notes

*West Texas A&M University’s requirements are consistent with the 42-hour Texas core curriculum. If a student completes a component of the core at one Texas institution, that block of courses will be substituted for WTAMU’s same core component(s). Furthermore, core curriculum requirement courses may also be fulfilled by approved courses at WTAMU.

**Additional Program Foundation courses are required. These may be completed at South Plains College or WTAMU.

***A course may satisfy only one core area. For example, COMM 1307 will satisfy either Visual and Performing Arts (50) or Social Behavioral Sciences (80), but not both.

- a. Six hours of lower-level English composition.
- b. Satisfies the Speech Communication Requirement.
- c. Satisfies the Mathematics core requirement.
- d. Courses for Natural Science may include: any BIOL, CHEM, GEOL, or PHYS course; HECO 1410, AGRI 1307, 1312, 1415, or 1419. Six hours of appropriate science credit by examination may be used to satisfy the natural sciences requirement.
- e. Courses for Humanities may include: ENGL 2322, 2326, 2333, 2342, 2343, or 2344; FREN, HUMA, PHIL, SPAN 1511 or higher; or HIST 1302 or 2301 if not used for the History core requirement.
- f. Courses for Performing and Visual Arts may include: Any ARTS, COMM, DRAM, MUAP, MUEN, or MUSI course.
- g. Satisfies the History core requirement.
- h. Satisfies the Government core requirement.
- i. Courses for Social and Behavioral Sciences may include: any ANTH, ECON, GEOG, PSYC, or SOCI course; AGRI 2317, COMM 1307.
- j. Institutionally Designated Option courses may include: AGRI 1309, COCS 1309 or higher course.

This information is for reference and planning purposes. This is not an official degree plan.
GENERAL DEGREE REQUIREMENTS

- A minimum of 120 semester hours of applicable college credit.
- At least 39 hours of advanced work (courses at the 3000 or 4000 level) for which tuition is paid must be earned at WTAMU; 30 of the 39 hours must be the final hours counted toward a degree. Continuing Education courses do not count in the 39 hours of advanced work at WTAMU.
- Completion of West Texas A&M University core curriculum.
- Achievement of at least a "C" (2.0) average in all course work offered toward a degree, at least a "C" average in major requirements listed in degree plans and at least a "C" average in all hours in the student’s major subject.
- Credits may be transferred to West Texas A&M University to be counted toward a degree in accordance with the degree program requirements as outlined in the catalog. No grade of “D” in the program’s major requirements or major subject can transfer for credit in any degree program offered at West Texas A&M University.

CORE REQUIREMENTS FOR CHEMISTRY AND BIOCHEMISTRY MAJORS

Professional Chemistry Requirements
- CHEM 1411, 1412, 2523, 2525, 3511, 3521, 3522, 4411, 4323, 4223L, 4431, 4397.
- MATH 1316 or 2412; 2413, 2414, 3340.
- PHYS 2425, 2426 and two hours of 3095.
- MPS 4370.
- Additional advanced hours to provide a minimum of 36 hours selected from chemistry, physics, or mathematics.
- Additional hours to meet the minimum University requirement for a degree.

General Chemistry Requirements
- CHEM 1411, 1412, 2523, 2525, 3511; three courses from 3521, 3522, 4411, 4323, 4222L; 4324 and 4224L; 4431.
- MATH 1316 or 2412; 2413, 2414, 3340.
- PHYS 2425, 2426 and two hours of 3095.
- MPS 4370.
- Additional advanced hours to provide a minimum of 36 hours selected from chemistry, physics, mathematics, biology, computer science, environmental science or geology.
- Additional hours to meet the minimum University requirement for a degree.

Biochemistry Requirements
- CHEM 1411, 1412, 2523, 2525, 3511, 4323, 4223L, 4324, 4224L.
- BIOL 1406 or 1413, 1407 or 1414, 2572, 3301, 3402 and one course from 3440 or 4375.
- MATH 1316 or 2412; 2413, 2414, 3340.
- PHYS 1401 or 2425, 1402 or 2426.
- MPS 4370.
- MATH 2414 is recommended.
- Additional advanced hours to provide a minimum of 36 hours selected from chemistry, physics, mathematics, biology, computer science, environmental science or geology.
- Additional hours to meet the minimum University requirement for a degree.