## TRANSMITTED PLAN for Biology, Wildlife Biology, Biotechnology
Bachelor of Science (B.S.) at WTAMU; A.S. at Amarillo 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>BIOL 1411</td>
<td>4</td>
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<tr>
<td>a</td>
<td>ENGL 1302 - Composition II</td>
<td>3</td>
<td>10</td>
<td>BIOL 1413</td>
<td>4</td>
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<tr>
<td>b</td>
<td>SPCH 1315, 1318, or 1321</td>
<td>3</td>
<td>11</td>
<td>CHEM 1411</td>
<td>4</td>
</tr>
<tr>
<td>c</td>
<td>MATH 1314</td>
<td>3</td>
<td>20</td>
<td>CHEM 1412</td>
<td>4</td>
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<tr>
<td>d</td>
<td>Natural Science</td>
<td>8</td>
<td>30</td>
<td>GEOL 1403</td>
<td>4</td>
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<tr>
<td>e</td>
<td>Humanities</td>
<td>3</td>
<td>40</td>
<td>GEOL 1404</td>
<td>4</td>
</tr>
<tr>
<td>f</td>
<td>Visual and Performing Arts</td>
<td>3</td>
<td>50</td>
<td>PHYS 1401</td>
<td>4</td>
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<td>g</td>
<td>HIST 1301, 1302 - History of U.S. I and II</td>
<td>6</td>
<td>60</td>
<td>PHYS 1402</td>
<td>4</td>
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<td>h</td>
<td>GOVT 2305, 2306 - Government of U.S., Texas</td>
<td>6</td>
<td>70</td>
<td>MATH 1316</td>
<td>3</td>
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<tr>
<td>i</td>
<td>Social and Behavioral Sciences</td>
<td>3</td>
<td>80</td>
<td></td>
<td></td>
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<tr>
<td>j</td>
<td>Institutionally Designated Option</td>
<td>1</td>
<td>90</td>
<td>Additional Courses for the Associate Degree</td>
<td>35</td>
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</tbody>
</table>

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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 Amarillo College or WTAMU.

*** A course may satisfy only one core area. For example, HUMA 1315 will satisfy either Humanities (40) or Visual and Performing Arts (50), but not both.

a. Six hours of lower-level English composition.
b. Courses may include: SPCH 1315, 1318, or 1321.
c. Satisfies the Mathematics core requirement.
d. Courses for Natural Science may include: any BIOL, CHEM, GEOL, or PHYS course. Six hours of appropriate science credit by examination may be used to satisfy the natural sciences requirement. May not receive degree credit for both GEOL 1401 and 1403.
e. Courses for Humanities may include: any ANTH course; ENGL 2322, 2323, 2327, 2328, 2331, 2333, 2341; HIST 2311; HUMA 1301, 1302, 1315; PHIL 1301, 1302, 2306; RELG 1301, 1302; SOC 3219; any second-year foreign language course.
f. Courses for Performing and Visual Arts may include: ARTS 1301, 1303, 1304, 1311, 1316, 2356; COMM 1336; DRAM 1310, 1351, 2366; HUMA 1315; any 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, or GEOG course; CRJ 1301, 1307; PSYC 2301, 2306, 2308, 2314, 2315, 2319; SOCI 1301, 1306, 2301, 2319, 2326.
j. Institutionally Designated Option courses may include: any PHED course numbered 1101-1122.

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 BIOLOGY, WILDLIFE BIOLOGY, BIOTECHNOLOGY MAJORS

Biology Requirements
- BIOL 1406, 1407 or 1411, 1413.
- Biology-six courses (2000, 3000, or 4000 level) of which five must include laboratories.
- CHEM 1411 and 1412.
- GEOL 1403 and 1404 or PHYS 1401 and 1402.
- MATH 1316 or 2412.
- Additional advanced hours to provide a minimum of 36 hours selected from BIOL, CHEM, BIOT, ENVR, GEOL, MATH, or PHYS.

Wildlife Biology Requirements
- BIOL 1411, 1413, 2374, 3374, 3424, 3532, 4310,
- Biology-six courses (2000, 3000, or 4000 level) of which five must include laboratories.
- CHEM 1411 and 1412.
- GEOL 1403 and 1404 or PHYS 1401 and 1402.
- MATH 1316 or 2412.
- Additional advanced hours to provide a minimum of 36 hours selected from BIOL, CHEM, BIOT, ENVR, GEOL, MATH, or PHYS.

Biotechnology Requirements
- BIOL 2572, BIOL 3301 or AGRI 3301, BIOL 3402, 4375, 4416, or AGRI 3318, BIOL 4404.
- BIOT 4385, 4401, 4402.
- CHEM 1411, 1412, 2523 or 2533, 4323, 4223L, 4324, 4224L.
- PHYS 1401, 1402.
- Two courses from BIOT 4095, 4098, BIOL 3350, 3440, 3451, 3452, CHEM 3511, MATH 2414, PSES 3342.
- Additional electives to total 120 hours.