## TRANSFER PLAN for Computer Science
Bachelor of Science (B.S.) at WTAMU; A.S. at Amarillo College

### NOTES

<table>
<thead>
<tr>
<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. ENGL 1301 - Composition I</td>
<td>3</td>
<td>10</td>
<td>COSC 1436</td>
<td>3</td>
</tr>
<tr>
<td>b. SPCH 1315, 1318, or 1321</td>
<td>3</td>
<td>11</td>
<td>COSC 2425</td>
<td>3</td>
</tr>
<tr>
<td>c. MATH 1314</td>
<td>3</td>
<td>20</td>
<td>COSC 2436</td>
<td>3</td>
</tr>
<tr>
<td>d. Natural Science</td>
<td>8</td>
<td>30</td>
<td>MATH 2414</td>
<td>3</td>
</tr>
<tr>
<td>e. Humanities</td>
<td>3</td>
<td>40</td>
<td>MATH 2415</td>
<td>3</td>
</tr>
<tr>
<td>f. Visual and Performing Arts</td>
<td>3</td>
<td>50</td>
<td></td>
<td></td>
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<td>g. HIST 1301, 1302 - History of U.S. I and II</td>
<td>6</td>
<td>60</td>
<td>Additional Courses for the Associate Degree</td>
<td>18</td>
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<tr>
<td>h. GOVT 2305, 2306 - Government of U.S., Texas</td>
<td>6</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. Social and Behavioral Sciences</td>
<td>3</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j. Institutionally Designated Option</td>
<td>1</td>
<td>90</td>
<td></td>
<td></td>
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</tbody>
</table>

### 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.
Bachelor of Science—Computer Science

2011-2012 Catalog

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 COMPUTER SCIENCE MAJORS

Admission Requirements
• All computer science students must meet West Texas A&M University Admission Requirements. Upon admission to the University, all WTAMU students will be eligible to engage in and complete the first two years of the Computer Science Program.

Program Outcomes
Students completing this curriculum will be able to demonstrate:
• A system-level perspective;
• An appreciation of the interplay between theory and practice;
• Familiarity with common themes of computer science such as abstraction, complexity and evolutionary change;
• Adaptability to the enormous pace of change in computing.

Computer Science Requirements
• CS 1301, 1437, 2425, 2436, 3305, 3307, 3310, 3315, 3352, 3372, 4310, 4325, 4340, 4385, 4390, 4391.
• MATH 2321, 2322 and 2414.
• Six hours advanced MATH chosen from 3311, 3321, 3340, 3342, 3343, 4310, 4340, 4341, 4361, 4392.
• Six hours advanced CS electives chosen from CS 3303, 3387, 4097, 4098, 4330, 4350, 4360, 4392.
• Six hours electives from ENGR, ET, PHYS, or MATH.