

**West Texas A&M University  
Advising Services  
Degree Checklist  
2013-2014**

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: \_\_\_\_\_ WT ID: \_\_\_\_\_ DATE: \_\_\_\_\_

**Biology  
Department of Life, Earth and Environmental  
Sciences – ANS 348A 651-2570**

| <b>CORE CURRICULUM COURSES: 42 HOURS ♦</b>  |       |  |     |
|---|-------|--|-----|
| Specific course(s) required for this major are listed in the next section.  |       |  | HRS |
| <b>Communication (10)</b>   |       |  |     |
| ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)   | 6     |  |     |
| <b>Communication (11)</b>   |       |  |     |
| COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)   | 3     |  |     |
| <b>Mathematics (20)</b>   |       |  |     |
| See University Core Requirements below  | (3)   |  |     |
| <b>Natural Sciences (30)</b>  |       |  |     |
| See University Core Requirements below  | (8)   |  |     |
| <b>Humanities (40-41)</b>   |       |  |     |
| ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312**/** (207) or SPAN 2315**/** Choose 1                                     | 3     |  |     |
| <b>Visual and Performing Arts (50)</b>  |       |  |     |
| HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209*; or THRE 1310 (105) Choose 1   | 3     |  |     |
| <b>Social and Behavioral Sciences (60)</b>  |       |  |     |
| HIST 1301 (201) or 1303; 1302 (202) or 1304; 2301; 2381 Choose 2  | 6     |  |     |
| <b>Social and Behavioral Sciences (70)</b>  |       |  |     |
| POSC 2305 (101) or 2370; 2306 (102)   | 6     |  |     |
| <b>Social and Behavioral Sciences (80)</b>  |       |  |     |
| AGBE 2317* (213); ANTH 2351 (201); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202); GEOG 1302 (202); PSYC 2301 (PSY 201); COMM 2377 (SCOM 255, 2377); SOCI 1301 (201); or SOCW 2361 (SOWK 201) Choose 1 | 3     |  |     |
| <b>Institutionally Designated Option (90)</b>   |       |  |     |
| ANSC 2370; BUSI 1304; CIDM 1105, 1301 (CIS, IDM 1301), 1315 (CIS, IDM 1315), 2345; CS 1301; FIN 1307; IDS 1071; PHIL 2303 (203) Choose 1  | (1-3) |  |     |
| <b>BIOLOGY MAJOR REQUIREMENTS: 50-59 HOURS</b>  |       |  |     |
| A grade of "C" or better must be earned in all courses required for major.  |       |  |     |
| <b>UNIVERSITY CORE REQUIREMENTS: 11 HOURS</b>   |       |  |     |
| <b>CORE 20</b>  |       |  |     |
| MATH 1314* (110) or 1324* (115)   | 3     |  |     |
| <b>CORE 30</b>  |       |  |     |
| BIOL 1406, 1406L (101) and 1407, 1407L (102)<br>OR<br>BIOL 1411, 1411L (122) and 1413, 1413L (121)  | 8     |  |     |
| <b>BIOLOGY ELECTIVES: 20-28 HOURS—SEE NOTE</b>  |       |  |     |
| Take six biology courses (2000, 3000 or 4000 level) of which five must include laboratories.  |       |  |     |
| BIOLOGY ELECTIVE  |       |  |     |
| BIOLOGY ELECTIVE  |       |  |     |
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| BIOLOGY ELECTIVE  |       |  |     |
| BIOLOGY ELECTIVE  |       |  |     |
| BIOLOGY ELECTIVE  |       |  |     |

**Bachelor of Science Degree  
BS.BIOL (102)**

| <b>ADDITIONAL MAJOR REQUIREMENTS: 19-20 HOURS</b>   |     |  |               |
|---|-----|--|---------------|
| CHEM 1411*, 1411L (101, 101L) Chemistry I   | 4   |  |               |
| CHEM 1412*, 1412L (102, 102L) Chemistry II  | 4   |  |               |
| GEOG 1403, 1403L (101) Physical Geology AND<br>GEOG 1404, 1404L (102) Historical Geology<br>OR<br>PHYS 1401*, 1401L (101) General Physics I AND<br>PHYS 1402*, 1402L (102) General Physics II | 8   |  |               |
| MATH 1316* (111) Plane Trigonometry OR<br>MATH 2412* (1348) Pre-Calculus  | 3-4 |  |               |
| <b>ADVANCED ELECTIVES—SEE NOTE</b>  |     |  |               |
| ADVANCED ELECTIVES<br>(Courses must be at 3000- or 4000-level)  |     |  |               |
| Additional advanced hours to provide a minimum of 39 hours selected from biology, chemistry, biotechnology, environmental science, geology, mathematics or physics.                           |     |  |               |
| <b>BACHELOR OF SCIENCE REQUIREMENTS</b>   |     |  |               |
| Covered by requirements for major.  |     |  | <b>OPTION</b> |
| <b>ELECTIVES—SEE NOTE</b>   |     |  |               |
| ELECTIVES<br>As needed to provide a total of 120 hours.   |     |  |               |
| <b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>  |     |  | <b>120</b>    |

♦ A minimum of 42 hours from the core curriculum is required. Some majors specify particular courses to meet core-curriculum requirements when options are available.  
\* Indicates prerequisites—see catalog for more information.  
\*\* Or an equivalent course (second year, second semester) in French or German.

**NOTE: The number of elective and advanced elective hours needed cannot be determined without knowing your choice of biology courses. At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion (REL) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.**

**Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official degree plan in the office of the dean of the College of Agriculture, Science and Engineering, located in the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.**