

**West Texas A&M University Advising Services
Degree Checklist 2019-2020**

CC This symbol indicates courses that apply towards degree programs at WT. All core classes are offered at CC. Please refer to the list regarding major specific courses. Course prefixes and numbers may vary at each institution. Please contact an adviser to ensure the course will apply towards chosen core area.

NAME: _____ **WT ID:** _____ **DATE:** _____

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

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|--|-----|--|--|
| CORE CURRICULUM COURSES: 42 HOURS ♦ | | | |
| Specific course(s) required for this major are listed in the next section. HRS CC | | | |
| Communication (Core 10) | | | |
| ENGL 1301 Introduction to Academic Writing and Argumentation | 3 | | |
| COMM 1315, 1318, or 1321 | 3 | | |
| Mathematics (Core 20) | | | |
| See University Core Requirements below | (3) | | |
| Life and Physical Sciences (Core 30) | | | |
| See University Core Requirements below | (6) | | |
| Language, Philosophy and Culture (Core 40) | | | |
| ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/2313*, 2315*, or 2371 Choose 1 | 3 | | |
| Creative Arts (Core 50) | | | |
| ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 Choose 1 | 3 | | |
| American History (Core 60) | | | |
| HIST 1301, 1302, 2301, 2381 Choose 2 | 6 | | |
| Government/Political Science (Core 70) | | | |
| POSC 2305 and 2306 | 6 | | |
| Social and Behavioral Sciences (Core 80) | | | |
| AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1 | 3 | | |
| Component Area Option (Core 90) | | | |
| See University Core Requirements below | (6) | | |
| BIOLOGY MAJOR REQUIREMENTS: 51-63 HOURS | | | |
| A grade of "C" or better must be earned in all courses required for major. | | | |
| UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦ | | | |
| CORE 20 | | | |
| MATH 1314*, 1316*, or 2412*[3] | 3 | | |
| CORE 30 | | | |
| BIOL 1406[3] and 1407*[3] or BIOL 1411[3] and 1413[3] | 6 | | |
| CORE 90 | | | |
| ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication | 3 | | |
| CORE 90 | | | |
| BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1]; and Fourth hour from MATH 2412[1], additional lab hour from Life & Physical Sciences, or IDS 1071 | 3 | | |
| BIOLOGY ELECTIVES: 20-28 HOURS—SEE NOTE | | | |
| Take six biology courses (2000, 3000 or 4000 level) of which five must include laboratories. | | | |
| BIOLOGY ELECTIVE WITH LAB | | | |
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| BIOLOGY ELECTIVE | | | |

CC Students may take 2000 level biology classes to fulfill a biology elective, but please note that 39 advanced hours must be completed at WT to earn a degree.

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

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| ADDITIONAL MAJOR REQUIREMENTS: 16-20 HOURS | | | |
| CHEM 1411*, 1411L Chemistry I CC | 4 | | |
| CHEM 1412*, 1412L Chemistry II CC | 4 | | |
| GEOL 1403, 1403L Physical Geology AND CC GEOL 1404, 1404L Historical Geology OR PHYS 1401*, 1401L General Physics I AND CC PHYS 1402*, 1402L General Physics II CC | 8 | | |
| Take one of the following (if not taken for University Core): | | | |
| MATH 1316* Plane Trigonometry CC MATH 1342 Elementary Statistical Methods CC MATH 2412* Pre-Calculus MATH 3360* Statistical Methods | 0-4 | | |
| ADVANCED ELECTIVES—SEE NOTE | | | |
| ADVANCED ELECTIVES (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. (NOTE: Advanced hours taken for Biology Electives count towards these 39 hours.) | | | |
| BACHELOR OF SCIENCE REQUIREMENTS OPTION | | | |
| Covered by requirements for major. | | | |
| ELECTIVES—SEE NOTE | | | |
| ELECTIVES ♦ As needed to provide a total of 120 hours. | | | |
| MINIMUM HOURS REQUIRED TO COMPLETE DEGREE | | 120 | |

♦ NOTE: The core curriculum must total **exactly 42 hours**; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements.

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in a foreign language.

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 (RELI) 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 required to request an official degree plan by using the online [Degree Plan Request](#) form. Students who have questions about their degree plan should contact the office of the dean of the Paul Engler College of Agriculture and Natural Sciences, which is located in the Happy State Bank Academic & Research Building, Suite 262 (phone 806-651-3570). Students who have completed 30 hours will not be allowed to progress without requesting a degree plan.