### Degree Checklist

West Texas A&M University  
STARR Center  
Degree Checklist  
2009-2010

**NAME:** ___________________  **WT ID:** ___________________  **DATE:** __________

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### Biology

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

**BACHELOR OF SCIENCE DEGREE**  
**BS.BIOL (102)**

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#### CORE CURRICULUM COURSES: 31-33 HOURS

- **Communication (10)**
  - ENGL 1301 (ENG 101), 1302 (ENG 102) or 2311 (ENG 270)  
- **Mathematics (20)**
  - Choose 1
  - ENGL 3231*, 3236*, 3231*, 3234*, 3234; HIST 3211 (110), 3272 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 3274 (204); SPAN 3212** (207) or SPAN 3215**
  - Natural Sciences (30)
  - HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) of 1208 and 1209; or THRE 1310 (105)
  - Social and Behavioral Sciences (60)
  - HIST 1301 (201), 1302 (202), 2301
  - Social and Behavioral Sciences (70)
  - POSC 2305 (101) or POSC 2370, 2306 (102)
  - Social and Behavioral Sciences (80)
  - AGBE 2317 (213), ANTH 2351 (201), CRJ 301 (CI 105); ECON 2301 (ECO 201), 2302 (ECON 202), 2371; GEOG 1302 (202), PSYC 2301 (PSY 201); SCOM 2377 (255); SOCI 1301 (201) or SOCM 2361 (SOWK 201)
  - Institutional Designated Option (90)
  - ANSC 2370 (NEW); IDM 1105, 1301 (GIS 1301), 1315 (GIS 1315), 2345; IDS 1071; PHIL 2303 (203)

**BIOLOGY MAJOR REQUIREMENTS: 50-59 HOURS**

- A grade of "C" or better must be earned in all courses required for major.

**UNIVERSITY CORE REQUIREMENTS: 11 HOURS**

- **CORE 20**
  - MATH 1314* (110) or 1324* (115)  
- **CORE 30**
  - BIOL 1406, 1406L (101) and 1407, 1407L (102); or BIOL 1411, 1411L (122) or 1413, 1413L (121)

**BIOLOGY ELECTIVES: 20-28 HOURS**

- Take six biology courses (2000, 3000 or 4000 level) of which five must include laboratories.

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### Bachelor of Science Degree

- ADDITIONAL MAJOR REQUIREMENTS: 19-20 HOURS
  - CHEM 1411*, 1411L (101, 101L) Chemistry I  
  - CHEM 1412*, 1412L (102, 102L) Chemistry II  
  - GEOL 1403, 1403L (101) Physical Geology and  
  - GEOL 1404, 1404L (102) Historical Geology  
  - PHYS 1401*, 1401L (101) General Physics I and  
  - PHYS 1402*, 1402L (102) General Physics II  
  - MATH 1316* (111) Plane Trigonometry  
  - MATH 2412 Pre-Calculus  

**ADVANCED ELECTIVES—SEE NOTE**

**ADVANCED ELECTIVES**

Additional advanced hours to provide a minimum of 39 hours selected from biology, chemistry, biotechnology, environmental science, geology, mathematics or physics.

**BACHELOR OF SCIENCE REQUIREMENTS**

Covered by requirements for major.

**ELECTIVES—SEE NOTE**

**ELECTIVES**

As needed to provide a total of 120 hours.

**TOTAL HOURS REQUIRED TO COMPLETE DEGREE**  
120

* Core curriculum courses should be taken during the first two years of enrollment. For a list of core courses with descriptions see [www.wtamu.edu/starr/](http://www.wtamu.edu/starr/).

* 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 and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official degree plan in the office of the dean of the College of Agriculture, Science and Engineering, located the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.