## West Texas A&M University Advising Services Degree Checklist 2014-2015

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

NAME:	WT ID:	DATE:
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## Biology Department of Life, Earth and Environmental Sciences – ANS 348A 651-2570

next section.	HRS	HRS	
Communication (Code 10)			
ENGL 1301 (ENG 101) Introduction to Academic Writing and Argumentation	3		
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3		
Mathematics (Code 20)			
See University Core Requirements below	(3)		
Life and Physical Sciences (Code 30)			
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Code 40)  ANTH 2351 (201), ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); PHIL 1301 (101), 2374 (204); SPAN 2311* (206), 2312*/** (207), 2313* or SPAN 2315*/**  Choose 1	3		
Creative Arts (Code 50)  HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 (105) Choose 1	3		
American History (Code 60)			
HIST 1301 (201), 1302 (202), 2301, 2381 Choose 2	6	Ш	
Government/Political Science (Code 70)			
POSC 2305 (101) and 2306 (102)	6		
Social and Behavioral Sciences (Code 80)	1 1		
AGBE 2317* (213); COMM 2377 (SCOM 255, 2377); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202); PSYC 2301 (PSY 201); SOCI 1301 (201) Choose 1	3		
Component Area Option (Code 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 require			
	d for m	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS +	d for m	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20  MATH 1314* (110), 1316* (111), or 2412*[3] (1348)	3	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20  MATH 1314* (110), 1316* (111), or 2412*[3] (1348)  CORE 30  BIOL 1406[3] (101) and 1407*[3] (102)  or	-	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20  MATH 1314* (110), 1316* (111), or 2412*[3] (1348)  CORE 30  BIOL 1406[3] (101) and 1407*[3] (102)  or  BIOL 1411[3] (122) and 1413[3] (121)  CORE 90	3	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20 MATH 1314* (110), 1316* (111), or 2412*[3] (1348)  CORE 30 BIOL 1406[3] (101) and 1407*[3] (102)  or BIOL 1411[3] (122) and 1413[3] (121)  CORE 90 ENGL 1302 (ENG 102) or 2311 (ENG 270)  CORE 90 BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1];	3	ajor.	
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20 MATH 1314* (110), 1316* (111), or 2412*[3] (1348)  CORE 30 BIOL 1406[3] (101) and 1407*[3] (102)  or BIOL 1411[3] (122) and 1413[3] (121)  CORE 90 ENGL 1302 (ENG 102) or 2311 (ENG 270)  CORE 90	3 6 3	ajor.	
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UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦  CORE 20 MATH 1314* (110), 1316* (111), or 2412*[3] (1348)  CORE 30 BIOL 1406[3] (101) and 1407*[3] (102)  or BIOL 1411[3] (122) and 1413[3] (121)  CORE 90 ENGL 1302 (ENG 102) or 2311 (ENG 270)  CORE 90 BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1]; IDS 1071[1] or MATH 2412[1]  BIOLOGY ELECTIVES: 20-28 HOURS—SEE NOTE Take six biology courses (2000, 3000 or 4000 level) of which fimust include laboratories.	3 6 3	ajor.	
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## Bachelor of Arts Degree\*\*\* BA.BIOL (102)

ADDITIONAL MAJOR REQUIREMENTS: 16-20 HOURS						
CHEM 1411*, 1411L (101, 101L) Chemistry I	4					
CHEM 1412*, 1412L (102, 102L) Chemistry II	4					
GEOL 1403, 1403L (101) Physical Geology AND GEOL 1404, 1404L (102) Historical Geology OR PHYS 1401*, 1401L (101) General Physics I AND	8					
PHYS 1402*, 1402L (102) General Physics II						
MATH 1316* (111) Plane Trigonometry <b>OR</b> MATH 2412* (1348) Pre-Calculus (if not taken to satisfy Core 20)	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.						
BACHELOR OF ARTS REQUIREMENTS: 12 HRS***	OP	TIO	N —			
Six hours of foreign language.	(6-8)					
Six hours chosen from art, English, history, modern languages, music, philosophy and theatre.						
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 120hour 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.
  \*\*\* Bachelor of arts degree may require additional hours (compared to a bachelor of science) to complete.

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 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.

## **Biology**

Department of Life, Earth and Environmental Sciences
Advising Services Bachelor of Arts Degree

BA.BIOL

2015 Curriculum Guide

651-2570 Degree Plan Total Hours: 120 Major Code: 102 **ANS 348A** 

First Y	First Year							
	Fall			Spring				
l	CORE 10-ENGL 1301	3	l	CORE 90-ENGL	3			
H			Н	1302 or 2311				
o u	CORE 20-MATH	3	0 11	MATH 1316 OR 2412	3			
l r	1314, 1315 or 2412		r					
s	CORE 30-LAB SCIENCE	4	S	CORE 30-LAB SCIENCE	4			
	BIOL 1406/L or 1413/L		17	BIOL 1407/L or 1411/L				
14	CORE 80	3		CORE 10-COMM	3			
14	See Checklist for Options		1,	1315, 1318 or 1321				
	CORE 90-IDS 1071	1		CHEM 1411/1411L	4			

Secon	Second Year							
	Fall			Spring				
Н	BIOL ELECTIVE*	3	н	BIOL ELECTIVE*	4			
0			0					
u	CHEM 1412/1412L	4	u	BIOL ELECTIVE*	4			
r			ľ					
s	CORE 70-POSC	3	s	CORE 50-ARTS	3			
	2305 or 2306			See Checklist for Options				
14	FOREIGN LANGUAGE	4	18	CORE 70-POSC	3			
14	BA Requirement		10	2305 or 2306				
				FOREIGN LANGUAGE	4			
				BA Requirement				

Third Year						
	Fall	Spring				
	BIOL ELECTIVE*	4		BIOL ELECTIVE*	4	
Н			Н			
o u	BIOL ELECTIVE*	4	o u	GEOL OR PHYS	4	
r			l r	1404/L or 1402/L		
s	GEOL OR PHYS	4	s	CORE 40	3	
	1403/L or 1401/L			See Checklist for Options		
15	B.A. REQUIREMENT	3	14	B.A. REQUIREMENT	3	
			14			

Fourth Year						
Fall				Spring		
н	ADV ELECTIVES	3	н	ADV ELECTIVES	3	
0			0			
u	ADV ELECTIVES	3	u	CORE 60-HIST	3	
r			r	1301, 1302, 2301 or 2381		
s	ADV ELECTIVES	3	s	ELECTIVES	3	
12	CORE 60-HIST	3	16	ADV ELECTIVES	3	
12	1301, 1302, 2301 or 2381		10			
	ADV ELECTIVES	CR		ELECTIVES	4	

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.

Notes: \* Of the six biology electives, five must have a lab.

Advanced Electives: needed to provide a minimum of 39 hours selected from BIOL, CHEM, BIOT, ENVR, GEOL, MATH or PHYS.