

**West Texas A&M University**  
**Advising Services**  
**Pre-Medical Pre-professional Program Checklist**  
**2014-2015**

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

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

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

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
<b>Communication (Code 10)</b>		
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	
<b>Mathematics (Code 20)</b>		
See University Core Requirements below	(3)	
<b>Life and Physical Sciences (Code 30)</b>		
See University Core Requirements below	(6)	
<b>Language, Philosophy and Culture (Code 40)</b>		
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	
<b>Creative Arts (Code 50)</b>		
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	
<b>American History (Code 60)</b>		
HIST 1301 (201), 1302 (202), 2301, 2381 Choose 2	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 (101) and 2306 (102)	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
AGBE 2317* (213); COMM 2377 (SCOM 255, 2377); CRJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202); PSYC 2301 (PSY 201); SOCI 1301 (201) Choose 1 - NOTE: Beginning in 2015, the MCAT will cover social and behavioral sciences. PSYC 2301 is strongly recommended.	3	
<b>Component Area Option (Code 90)</b>		
See University Core Requirements below	(6)	
<b>PRE-MEDICAL REQUIREMENTS: 69-73 HOURS</b>		
<b>UNIVERSITY CORE REQUIREMENTS: 15 HOURS</b>		
<b>CORE 20</b> MATH 1314* (110), 1316* (111), 2412*[3] (1348), or 2413*[3] (240)	3	
<b>CORE 30</b> BIOL 1406[3] (101) Basic & Contemporary Biology I AND BIOL 1407*[3] (102) Basic & Contemporary Biology II OR BIOL 1411[3] (122) Botany AND BIOL 1413[3] (121) Zoology	6	
<b>CORE 90</b> ENGL 1302 (ENG 102) OR 2311 (ENG 270)	3	
<b>CORE 90</b> BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1]; IDS 1071[1] or MATH 2412[1] or MATH 2413[1]	3	
<b>ADDITIONAL PRE-MEDICAL REQUIREMENTS: 54-58</b>		
BIOL 2401*, 2401L (240) Human Anatomy & Physiology I	4	
BIOL 2402*, 2402L (241) Human Anatomy & Physiology II	4	
BIOL 2572*, 2572L (212) Microbiology	5	

**Non-Degree/Pre-professional Program**  
**BS.PRE.MEDICINE (145)**

ADVANCED BIOLOGY ELECTIVE WITH LAB	4	
ADVANCED BIOLOGY ELECTIVE WITH LAB	4	
ADVANCED BIOLOGY ELECTIVE	4	
CHEM 1411*, 1411L (101) Chemistry I	4	
CHEM 1412*, 1412L (102) Chemistry II	4	
CHEM 2523*, 2523L (201) Organic Chemistry I	5	
CHEM 2525*, 2525L (202) Organic Chemistry II	5	
CHEM 4323* Biochemistry I <i>NOTE: CHEM 4323 is not required for admission to all Texas medical schools. Consult with pre-med advisor.</i>	3	
PHYS 1401*, 1401L (101) General Physics I	4	
PHYS 1402*, 1402L (102) General Physics II	4	
MATH 1316* (111) Plane Trigonometry OR MATH 2412* (1348) Pre-Calculus (if not taken to satisfy Core 20)	0-4	
MATH 2413 (240) Calculus I OR MATH 3360 Statistical Methods <i>Selection depends upon the particular medical school. Consult with pre-med advisor.</i>	3-4	
<b>TOTAL HOURS</b> <b>NOTE: Minimum hours needed for transfer to professional school is 90.</b>	<b>90+</b>	

♦ 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. 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.

**NOTES: This is NOT a degree plan. This is a basic three- to four-year program of 90+ minimum hours for admission to professional schools. Students should consult their adviser for proper course selection. Professional school admissions officers make final decisions regarding entrance requirements to their respective schools. Contact your adviser or the Department of Life, Earth and Environmental Sciences (ANS 348A; 651-2570) if you have questions regarding the transfer of credits to a professional school. The office of the dean of the College of Agriculture, Science and Engineering is located in the Agriculture and Natural Science Building, Room 106 (phone—651-2585).**

