

**West Texas A&M University**  
**Advising Services**  
**Pre-Medical Pre-professional Program Checklist**  
**2018-2019**

(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**

<b>CORE CURRICULUM COURSES: 42 HOURS ♦</b>		<b>HRS</b>
<b>Communication (Code 10)</b>		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 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, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/**, 2313*, 2315*, or 2371 <b>Choose 1</b>	3	
<b>Creative Arts (Code 50)</b>		
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 <b>Choose 1</b>	3	
<b>American History (Code 60)</b>		
HIST 1301, 1302, 2301, 2381 <b>Choose 2</b>	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 and 2306	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; <b>PSYC 2301; SOCI 1301</b> <b>Choose 1</b> <i>- NOTE: PSYC 2301 or SOCI 1301 are strongly recommended.</i>	3	
<b>Component Area Option (Code 90)</b>		
See University Core Requirements below	(6)	
<b>PRE-MEDICAL REQUIREMENTS: 70-75 HOURS</b>		
<b>UNIVERSITY CORE REQUIREMENTS: 15 HOURS</b>		
<b>CORE 20</b> MATH 1314*, 1316*, 2412*[3], or 2413*[3]	3	
<b>CORE 30</b> BIOL 1406[3] Basic & Contemporary Biology I <b>AND</b> BIOL 1407*[3] Basic & Contemporary Biology II <b>OR</b> BIOL 1411[3] Botany <b>AND</b> BIOL 1413[3] Zoology	6	
<b>CORE 90</b> ENGL 1302* Research and Rhetoric <b>OR</b> ENGL 2311* Introduction to Professional and Technical Communication	3	
<b>CORE 90</b> BIOL 1406L[1] and 1407L[1] <b>OR</b> 1411L[1] and 1413L[1]; IDS 1071[1] or MATH 2412[1] or MATH 2413[1]	3	
<b>ADDITIONAL PRE-MEDICAL REQUIREMENTS: 55-60</b>		
BIOL 2401*, 2401L Human Anatomy & Physiology I	4	
BIOL 2402*, 2402L Human Anatomy & Physiology II	4	
BIOL 2572*, 2572L Microbiology	5	
ADVANCED BIOLOGY ELECTIVE WITH LAB	4	
ADVANCED BIOLOGY ELECTIVE WITH LAB	4	

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

ADVANCED BIOLOGY ELECTIVE	4	
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
CHEM 2423*, 2523L Organic Chemistry I	4	
CHEM 2425*, 2525L Organic Chemistry II	4	
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 General Physics I	4	
PHYS 1402*, 1402L General Physics II	4	
MATH 1316* Plane Trigonometry <b>OR</b> MATH 2412* Pre-Calculus (if not taken to satisfy Core 20)	0-4	
MATH 2413 Calculus I <b>OR</b> 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 and Natural Sciences is located in the Agriculture and Natural Science Building, Room 106 (phone—651-2585).**