

**West Texas A&M University
Advising Services
Pre-Dental Pre-professional Program Checklist
2015-2016**

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

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Communication (Code 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 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, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*, 2312**/, 2313*, or 2315* Choose 1	3	
Creative Arts (Code 50)		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 Choose 1	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381 Choose 2	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Code 80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301 ; SOC1 1301 Choose 1 <i>- NOTE: Beginning in 2015, the MCAT will cover social and behavioral sciences. PSYC 2301 is strongly recommended.</i>	3	
Component Area Option (Code 90)		
See University Core Requirements below	(6)	
PRE-DENTAL REQUIREMENTS: 55-56+ HOURS		
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦		
CORE 20 MATH 1314*, 1316*, 2412*[3], or 2413*[3]	3	
CORE 30 BIOL 1406[3] Basic & Contemporary Biology I AND BIOL 1407*[3] Basic & Contemporary Biology II OR BIOL 1411[3] Botany AND BIOL 1413[3] Zoology	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]; IDS 1071[1] or MATH 2412[1] or MATH 2413[1]	3	
ADDITIONAL PRE-DENTAL REQUIREMENTS: 40-41+ HOURS		
BIOL 2572*, 2572L Microbiology	5	
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
CHEM 2523*, 2523L Organic Chemistry I	5	

**Non-Degree/Pre-professional Program
BS.PRE.DENTISTRY (146)**

CHEM 2525*, 2525L Organic Chemistry II	5	
CHEM 4323* Biochemistry I	3	
PHYS 1401*, 1401L General Physics I	4	
PHYS 1402*, 1402L General Physics II	4	
MATH 1316* Plane Trigonometry OR MATH 2412* Pre-Calculus	3-4	
RECOMMENDED COURSES FROM OTHER DEPARTMENTS		
MATH 3360* Statistical Methods <i>- Medical schools require either MATH 2413 or MATH 3360; consult with your advisor on these courses.</i>	3	
Recommended electives: BIOL 2401*, 2401L Human Anatomy & Physiology I BIOL 2402*, 2402L Human Anatomy & Physiology II BIOL 3402*, 3402L Cell Biology BIOL 3451*, 3451L Histology BIOL 4340* Neuroscience BIOL 4375 Immunology/Serology BIOL 3452*, 3452L Embryology CHEM 4324* Biochemistry II <i>- Five hours if taken with lab (CHEM 4224L).</i>		
And additional electives as required for admission to dental school. See pre-dental adviser.		

♦ 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 a foreign language.

NOTES: This is NOT a degree plan. This is a basic three- to four-year program of prerequisites for admission to professional schools. A minimum of 90 credit hours is required for application to Doctor of Dental Surgery programs. 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).