

West Texas A&M University
Advising Services
Pre-Dental Pre-professional Program Checklist
2019-2020

(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
NSB 348A 651-2570

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS	
Communication (Core 10)			
ENGL 1301 Introduction to Academic Writing and Argumentation	3		
COMM 1315, 1318, or 1321	3		
Mathematics (Core 20)			
See University Core Requirements below	(3)		
Life and Physical Sciences (Core 30)			
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Core 40)			
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/**, 2313*, 2315*, or 2371 Choose 1	3		
Creative Arts (Core 50)			
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 Choose 1	3		
American History (Core 60)			
HIST 1301, 1302, 2301, 2381 Choose 2	6		
Government/Political Science (Core 70)			
POSC 2305 and 2306	6		
Social and Behavioral Sciences (Core 80)			
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1 <i>- NOTE: PSYC 2301 or SOCI 1301 are strongly recommended.</i>	3		
Component Area Option (Core 90)			
See University Core Requirements below	(6)		
PRE-DENTAL REQUIREMENTS: 53-55+ 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]; and fourth hour from MATH 2412[1] or MATH 2413[1], or IDS 1071	3		
ADDITIONAL PRE-DENTAL REQUIREMENTS: 38-40+ HOURS			
BIOL 2572*, 2572L Microbiology	5		
CHEM 1411*, 1411L Chemistry I	4		
CHEM 1412*, 1412L Chemistry II	4		
CHEM 2423*, 2423L Organic Chemistry I	4		
CHEM 2425*, 2425L Organic Chemistry II	4		
CHEM 4323* Biochemistry I	3		

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

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	
MATH 3360* Statistical Methods <i>- Dental 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 Happy State Bank Academic & Research Building, Suite 262 (phone—651-2585).