West Texas A&M University
Advising Services
Degree Checklist
2018-2019
(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME:

WT ID:

DATE:_____

Bachelor of Science Degree Major: Chemistry

Argumentation 3 Argumentation 3 COMM 1315, 1318, or 1321 3 Mathematics (Code 20) (3) Life and Physical Sciences (Code 30) (3) See University Core Requirements below (6) Language, Philosophy and Culture (Code 40) (6) ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; 3 SPAN 2311*, 2312*/**, 2313*, 07 2371 Choose 1 Creative Arts (Code 50) (6) ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 Choose 2 1307, MUSI 1310; or THRE 1310 Choose 2 6 Government/Political Science (Code 70) (6) (6) POSC 2305 and 2306 6 (7) Social and Behavioral Sciences (Code 80) (6) (7) AGBE 2317*; COMM 237; CRIJ 1301; ECON 2301, 2302; PSVC 2301; SOCI 1301 Choose 1 3 Component Area Option (Code 90) (6) (7) (7) See University Core Requirements below (6) (7) PHYSICAL SCIENCE (GRADES 6-12) CERTIFICATION REQUIREMENTS: 15 HOURS (7) (7) Regrade of "C" or bet	CORE CURRICULUM COURSES: 42 HOURS +	HRS		
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PHYSICAL SCIENCE REQUIREMENTS:58-64 HOURS (A grade of "C" or better and a 2.75 GPA is required.^) CHEM 2423*, 2423L Organic Chemistry I 4 CHEM 2425*, 2425L Organic Chemistry II 4 CHEM 3511*, 3511L Analytical Chemistry 5 Take three courses from: 5 CHEM 3421*, 3421L Physical Chemistry II 4 CHEM 3422*, 3422L Physical Chemistry II 12- CHEM 4411*, 4411L Instrumental Analysis 12- CHEM 4323* and 4223L Biochemistry II/ Biochemistry II 14 Laboratory 14	CHEM 1411L[1], 1412L[1] AND	3		
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CHEM 3421*, 3421L Physical Chemistry I CHEM 3422*, 3422L Physical Chemistry II CHEM 4411*, 4411L Instrumental Analysis CHEM 4323* and 4223L Biochemistry I/ Biochemistry I Laboratory 14 CHEM 4324* and 4224L Biochemistry II/ Biochemistry II Laboratory	Take three courses from			
CHEM 4323 [*] and 4223L Biochemistry I/ Biochemistry I Laboratory 14 CHEM 4324 [*] and 4224L Biochemistry II/ Biochemistry II Laboratory	CHEM 3421*, 3421L Physical Chemistry I CHEM 3422*, 3422L Physical Chemistry II			
CHEM 4324 [*] and 4224L Biochemistry II/ Biochemistry II Laboratory	CHEM 4323* and 4223L Biochemistry I/ Biochemistry I			
chemitter (10) morganic Onomistry	CHEM 4324 [*] and 4224L Biochemistry II/ Biochemistry II Laboratory			
	GEOG/GESC 3313 Meteorology			

Physical Science (Grades 6-12) Certification

BS.8-12.PHYS.SCI.EDS (499) - TExES Exams: 160, 23				
MATH 1316* Plane Trigonometry OR MATH 2412* Pre-Calculus (if not taken to satisfy Core 20)	0-4			
MATH 2413* Calculus I	4			
MATH 2414* Calculus II	4			
PHYS 1411, 1411L Introduction to Astronomy I	4			
PHYS 2425*, 2425L Calculus Physics I	4			
PHYS 2426*, 2426L Calculus Physics II	4			
PHYS 3310* Modern Physics	3			
PHYS 3330* Mechanics I	3			
PHYS 4321* Principles of Physical Science	3			
EDUCATION REQUIREMENTS: 27 HOURS (A grade of "C" or better and a 2.75 GPA is required.^)				
EDPD 3340* Educational Foundations	3			
EDPD 4340* Classroom Management	3			
EDRD 4386* Secondary Reading in Content Area	3			
EDSE 4320* Teaching in Secondary Schools	3			
EDSE 4330* Teaching in Secondary Schools II	3			
EDSE 4340* Student Teaching—Secondary	3			
EDSE 4341* Student Teaching—Secondary	3			
EPSY 3341* Educational Psychology	3			
EPSY 3350 Children with Special Needs	3			
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	127-133			

♦ 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. 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.

NOTE: 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.

^Transfer & WT GPA combined must be 2.75.

Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official degree plan by using the online <u>Degree Plan</u> <u>Request</u> form. Students who have questions about their degree plan should contact the office of the dean of the Paul Engler College of Agriculture and Natural Sciences, which is located in the Agriculture and Natural Sciences Building, Room 106 (phone 806-651-3570). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.