## 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:	

## **Chemistry Option III—Biochemistry Chemistry and Physics**

Chemistry and Physics Bldg. (301 26 <sup>th</sup> St.) (806)651-2940						
CORE CURRICULUM COURSES: 42 HOURS+						
Communication (Code 10)						
ENGL 1301 Introduction to Academic Writing and Argumentation	3					
COMM 1315, 1318, or 1321	3					
Mathematics (Code 20)	(0)	ſ				
See University Core Requirements below  Life and Physical Sciences (Code 30)	(3)					
See University Core Requirements below	(6)					
Language, Philosophy and Culture (Code 40)	1					
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, 2315*, or 2371	3					
ARTS 1303, ARTS 1304; DANC 2303; MUSI 1306, MUSI 1307, MUSI 1310; or THRE 1310 Choose 1	3					
American History (60)						
HIST 1301, 1302, 2301, 2381 Choose 2  Government/Political Science (Code 70)	6		L			
POSC 2305 and 2306	6					
Social and Behavioral Sciences (80)						
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 Choose 1	3					
Component Area Option (Code 90)						
See University Core Requirements below	(6)					
CUELUCTOY OFFICE III (PLOCUELUCTOY) III IOD	_					
CHEMISTRY—OPTION III (BIOCHEMISTRY) MAJOR REQUIREMENTS: 79-84 HOURS A grade of "C" or better must be earned in all courses required for	or majo	r.				
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## **Bachelor of Science Degree BS.BIOCHEM (104)**

BIOL 3301 Genetics	3				
BIOL 3402*, 3402L Cell Biology	4				
ADVANCED BIOLOGY ELECTIVE - BIOL 3440 or 4375 is recommended Taking both BIOL 2401 and BIOL 2402 may also be used to satisfy this requirement.					
MATH 1316* Plane Trigonometry <b>OR</b> MATH 2412* Pre-Calculus (if not taken to satisfy Core 20)	0-4				
MATH 2413* Calculus I	4				
PHYS 1401*, 1401L General Physics I AND PHYS 1402*, 1402L General Physics II OR PHYS 2425*, 2425L Calculus Physics I AND PHYS 2426*, 2426L Calculus Physics II	8				
CHEM 4370* (MPS 4370) Senior Investigations <b>OR</b> MPS 4393* Math/Physical Science/Engineering Technology Honors	3				
ADVANCED ELECTIVES: 9-10 HOURS—SEE NOTE II					
ADVANCED ELECTIVES Selected from chemistry, mathematics, biology, computer science, physics, environmental science or geology to provide a minimum of 39 advanced (3000- or 4000-level) hours.	9-10				
ELECTIVES: 0-4 HOURS BY ADVISEMENT +					
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ELECTIVES	0-4				
ELECTIVES  BACHELOR OF SCIENCE REQUIREMENTS Covered by requirements for major.	, ·	PTION			

- ◆ 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.

NOTE I: Option III is for students planning careers using chemistry applied to medical science, including pre-medical students and other pre-professional students.

NOTE II: 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.

Note: This is NOT a degree plan. After completing 30 hours, students are encouraged to request an official degree plan by using the online **Degree Plan** Request 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.