

West Texas A&M University
Advising Services
Degree Checklist
2019-2020

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

NAME: _____ WT ID: _____ DATE: _____

**Applied Arts and Sciences—Engineering Technology
 Emphasis**

Office of General Majors

Student Success Center (CC 110) 806-651-5300

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)		
MATH 1314*, 1316*, 1324*, 1325*, 1332**/, 1342**/, 1350**/, 2412*, or 2413* (2412 & 2413: fourth hr. moves to Core 90)	3	
Life and Physical Sciences (Core 30)		
Take two courses from (extra lab hours move to Core 90): ♦ ANSC 1319; BIOL 1406 or 1408, 1407* or 1409*, 1411, 1413; CHEM 1405* or 1411*, 1412*; ENVR 1407*; GEOL 1401 or 1403, 1402, 1404; PHYS 1401*, 1402*, 1411, 1412, 2425*, 2426*; PSES 1301, 1307		
	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	3	
Component Area Option (Core 90)		
Take six hours from: ♦ AGRI 2300; BIOL lab hours (from Core 30); BUSI 1304; CHEM lab hours (from Core 30); CIDM 1105, CIDM 1301 or 1315; CS 1301; ECON 2331; ENGL 1101, 1302*, 2311*; ENVR lab hour (from Core 30); GEOL lab hours (from Core 30); IDS 1071 (1-3 hours); extra MATH hours (from Core 20); MUSI 1053; PHIL 2303; PHYS lab hours (from Core 30); SES 1120		
	6	
PROFESSIONAL DEVELOPMENT CORE: ENGINEERING TECHNOLOGY – 25 HOURS		
A grade of "C" or better must be earned in all courses listed below.		
ENGR 1171 Engineering Ethics	1	
ENGR 1301*, 1301L Fundamentals of Engineering	3	
ENGR 1304, 1304L Engineering Graphics	3	
ENGR 1375, 1375L Principles of DC & AC Circuits OR ET 2375*, 2375L Electronic Devices and Circuits	3	
ET 2371*, 2371L Materials and Fabrications/Metals and Ceramics OR ET 2372*, 2372L Materials and Fabrications/Plastics and Composites (Prerequisite for both ET 2371 and 2372 is CHEM 1411)	3	

**Bachelor of Applied Arts and Sciences Degree
 BAAS (601)**

Take 12 hours from: ET 3301* Fundamentals of Manufacturing Technology ET 3315*, 3315L Digital Electronics ET 3360* Plant Design and Layout ET 4301*, 4301L Machining Fundamentals ET 4311* Industrial Design and Ergonomics ET 4314 Industrial Quality Assurance ET 4325*, 4325L Computer-Aided Drafting and Design ET 4330*, 4330L Numerical Control and Computer-Aided Manufacturing ET 4340 Principles of Industrial Distribution ET 4370 Industrial Safety	12	
ADVANCED ELECTIVES: 27 HOURS (TO TOTAL 39 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.		
ADVANCED ELECTIVES	27	
BAAS block transfer of technical/vocational credits, up to a maximum of 48 hours.		
ELECTIVES—ANY LEVEL (to total 120 hours)		
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ 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.

** While MATH 1332, 1342 and 1350 will fulfill core math requirements, they will NOT prepare students for higher-level math courses such as Plane Trigonometry (MATH 1316) or Pre-Calculus (MATH 2412).

*** Or an equivalent course (second year, second semester) in a foreign language.

NOTE I: This degree assumes completion of an associate of applied science degree at a community college or completion of an appropriate occupational certificate prior to starting work on the B.A.A.S. degree at WTAMU. Included in this credit must be a block transfer of technical-vocational credits, up to a maximum of 48 hours.

Additionally, hours of academic credit may be transferred along with the block.

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. Correspondence courses are not considered in-residence, and as such may not count toward advanced hours. A maximum of 60 semester hours in any single discipline, six hours in religion (RELI) and six hours in physical education (PHED) can be counted toward a degree.

NOTE: This is NOT a degree plan. After completing 30 hours, students are required to request an official degree plan by using the online [Degree Plan Request](#) form. The dean's office of the Sybil B. Harrington College of Fine Arts and Humanities, located in Mary Moody Northen Hall, Room 181 (or call 806-651-2782), can answer questions about the degree plan. Students who have completed 30 hours will not be allowed to progress without requesting a degree plan.