

West Texas A&M University
Advising Services
Degree Checklist
2023-2024

(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 Intro. to Academic Writing & Argumentation OR ENGL 1311 Writing About Ideas	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 1308, 1407* or 1309*, 1411, 1413; CHEM 1305* or 1411*, 1412*; ENVR 1407*; GEOL 1301 or 1403, 1302, 1404; PHYS 1401*, 1402*, 1311, 1312, 1371, 2425*, 2426*; PSES 1301, 1307 - BIOL 1406, 1407, 1411, 1413; CHEM 1411, 1412; GEOL 1403, 1404; PHYS 1401, 1402, 2425, 2426: 4 th hr. moves to Core 90	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 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), MUSI 1310; or THRE 1310 Choose 1	3		
American History (Core 60)			
HIST 1301, 1302, 2301, 2381, 2382 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; GEOG 1302; PSYC 2301; SOCI 1301 Choose 1	3		
Component Area Option (Core 90)			
Take six hours from: ♦ AGRI 2300; BIOL 4 th hour from 4-hour courses (from Core 30); BUSI 1301, 1304; CHEM 4 th hour from 4-hour courses (from Core 30); CIDM 1105, CIDM 1301 or 1315; CS 1301; ECON 2331; ENGL 1101, 1102, 1302*, 1312*, 2311*; ENVR 4 th hour from Core 30); GEOL 4 th hour from 4-hour courses (from Core 30); IDS 1071 (1-3 hours); MATH 4 th hour from 4-hour courses (from Core 20); MUSI 1053; PHIL 2303; PHYS 4 th hour from 4-hour courses (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 & Fabrications/Plastics & 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: 24 HOURS (TO TOTAL 36 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.		
ADVANCED ELECTIVES	24	
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 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU. 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. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.