

**West Texas A&M University**  
**Advising Services**  
**Degree Checklist**  
**2021-2022**

(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 | AC |
|--|---|-----|----|
| 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, 1471, 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 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; 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, 1102, 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<br>(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  | 12         |  |
| 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  |            |  |
| <b>ADVANCED ELECTIVES: 24 HOURS (TO TOTAL 36 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.</b> |            |  |
| ADVANCED ELECTIVES   | 24         |  |
|  |            |  |
|  |            |  |
|  |            |  |
|  |            |  |
|  |            |  |
| <b>BAAS block transfer of technical/vocational credits, up to a maximum of 48 hours.</b> |            |  |
| ELECTIVES—ANY LEVEL (to total 120 hours)   |            |  |
| <b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>   | <b>120</b> |  |

♦ 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.

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 (REL) 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.**