

**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  
- Renewable Energy Prof. Development Core**

**Office of General Majors**

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

CORE CURRICULUM COURSES: 42 HOURS ♦	HRS	FPC
<b>Communication (Core 10)</b>		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 1321	3	
<b>Mathematics (Core 20)</b>		
MATH 1314*, 1316*, 1324*, 1325*, 1332*/**, 1342*/**, 1350*/**, 2412*, or 2413* (2412 & 2413: fourth hr. moves to Core 90)	3	
<b>Life and Physical Sciences (Core 30)</b>		
<b>Take two courses from (extra lab hours move to Core 90): ♦</b> 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	
<b>Language, Philosophy and Culture (Core 40)</b>		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, 2315*, or 2371 <b>Choose 1</b>	3	
<b>Creative Arts (Core 50)</b>		
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310 <b>Choose 1</b>	3	
<b>American History (Core 60)</b>		
HIST 1301, 1302, 2301, 2381, 2382 <b>Choose 2</b>	6	
<b>Government/Political Science (Core 70)</b>		
POSC 2305 and 2306	6	
<b>Social and Behavioral Sciences (Core 80)</b>		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 <b>Choose 1</b>	3	
<b>Component Area Option (Core 90)</b>		
<b>Take six hours from: ♦</b> 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	
<b>PROFESSIONAL DEVELOPMENT CORE: ENGINEERING TECHNOLOGY – RENEWABLE ENERGY (ONLINE OPTION) 24 HOURS</b>		
■ ■ ■ A grade of "C" or better must be earned in all courses listed below.		
ENGR 1171 Engineering Ethics	1	
ENGR 3202* Fundamentals of Engineering Economics	2	
ET 3302 Wind Energy and Wind Turbines	3	
ET 3303 Solar Energy: Residence and Rural Systems	3	
ET 4350 Renewable Energy	3	
ET 4351 Bioenergy	3	
ET 4352 Geothermal Energy	3	
ET 4370 Industrial Safety and Accident Prevention	3	
ET 4395* Research and Problems	3	

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

ADVANCED ELECTIVES: 13 HOURS (TO TOTAL 36 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.		
ADVANCED ELECTIVES	13	
<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.

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 (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.**