

**West Texas A&M University  
Advising Services  
Degree Checklist  
2014-2015**

(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
<b>Communication (Code 10)</b>		
ENGL 1301 ( <i>ENG 101</i> ) Introduction to Academic Writing and Argumentation	3	
COMM 1315 ( <i>SCOM 101, 1315</i> ), 1318 ( <i>SCOM 103, 1318</i> ), or 1321 ( <i>SCOM 201, 1321</i> )	3	
<b>Mathematics (Code 20)</b>		
MATH 1314* ( <i>110</i> ), 1316* ( <i>111</i> ), 1324* ( <i>115</i> ), 1325* ( <i>116</i> ), 1332*/** ( <i>220</i> ), 1350*/** ( <i>220</i> ), 2412* ( <i>1348</i> ), or 2413* ( <i>240</i> ) (extra MATH hour moves to Code 90)	3	
<b>Life and Physical Sciences (Code 30)</b>		
<b>Take two courses from (extra lab hours move to Code 90): ♦</b>		
ANSC 1319 ( <i>121</i> ); BIOL 1406 ( <i>101</i> ) or 1408, 1407* ( <i>102</i> ) or 1409*, 1411 ( <i>122</i> ), 1413 ( <i>121</i> ); CHEM 1405* ( <i>121</i> ), 1411* ( <i>101</i> ), 1412* ( <i>102</i> ); GEOL 1401 ( <i>GESC 111</i> ) or 1403 ( <i>101</i> ), 1402 ( <i>GESC 112</i> ), 1404 ( <i>102</i> ); PHYS 1401* ( <i>101</i> ), 1402* ( <i>102</i> ), 1411, 1412, 2425* ( <i>210</i> ), 2426* ( <i>211</i> ); PSES 1301 ( <i>216</i> ), 1307 ( <i>112</i> )	6	
<b>Language, Philosophy and Culture (Code 40)</b>		
ANTH 2351 ( <i>201</i> ), ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 ( <i>110</i> ), 2323, 2372 ( <i>210</i> ); PHIL 1301 ( <i>101</i> ), 2374 ( <i>204</i> ); SPAN 2311* ( <i>206</i> ), 2312*/*** ( <i>207</i> ), 2313* or SPAN 2315*/*** Choose 1	3	
<b>Creative Arts (Code 50)</b>		
HUMA 1315 ( <i>FA 101</i> ); ARTS 1303 ( <i>ART 151</i> ), ARTS 1304 ( <i>ART 152</i> ); DANC 2303; MUSI 1306 ( <i>MUS 101</i> ) or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 ( <i>105</i> ) Choose 1	3	
<b>American History (Code 60)</b>		
HIST 1301 ( <i>201</i> ), 1302 ( <i>202</i> ), 2301, 2381 Choose 2	6	
<b>Government/Political Science (Code 70)</b>		
POSC 2305 ( <i>101</i> ) and 2306 ( <i>102</i> )	6	
<b>Social and Behavioral Sciences (Code 80)</b>		
AGBE 2317* ( <i>213</i> ); COMM 2377 ( <i>SCOM 255, 2377</i> ); CRIJ 1301 ( <i>CJ 105</i> ); ECON 2301 ( <i>ECO 201</i> ), 2302 ( <i>ECO 202</i> ); PSYC 2301 ( <i>PSY 201</i> ); SOCI 1301 ( <i>201</i> ) Choose 1	3	
<b>Component Area Option (Code 90)</b>		
<b>Take six hours from: ♦</b>		
AGRI 2300; BIOL lab hours (from Code 30); BUSI 1304 ( <i>GBUS 215</i> ); CHEM lab hours (from Code 30); CIDM 1301 ( <i>CIS/IDM 1301</i> ); CS 1301; ENGL 1302 ( <i>ENG 102</i> ), 2311 ( <i>ENG 270</i> ); FIN 1307 ( <i>120</i> ); GEOL lab hours (from Code 30); IDS 1071 (1-3 hours); extra MATH hours (from Code 20); extra MUSI hour (from Code 50); PHIL 2303 ( <i>203</i> ); PHYS lab hours (from Code 30)	6	
<b>PROFESSIONAL DEVELOPMENT CORE: ENGINEERING TECHNOLOGY – 25 HOURS</b>		
A grade of "C" or better must be earned in all courses listed below.		
ENGR 1171 Engineering Ethics	1	
ENGR 1301*, 1301L ( <i>101, 1201</i> ) Fundamentals of Engineering	3	
ENGR 1304, 1304L ( <i>125</i> ) Engineering Graphics	3	
ENGR 1375, 1375L ( <i>115</i> ) Principles of DC & AC Circuits OR ET 2375*, 2375L ( <i>215</i> ) Electronic Devices and Circuits	3	
ET 2371*, 2371L ( <i>201</i> ) Materials and Fabrications/Metals and Ceramics OR ET 2372*, 2372L ( <i>202</i> ) 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)**

<b>Take 12 hours from:</b> ET 3301* ( <i>301</i> ) Fundamentals of Manufacturing Technology ET 3315*, 3315L ( <i>315</i> ) Digital Electronics ET 3360* ( <i>360</i> ) Plant Design and Layout ET 4301*, 4301L ( <i>401</i> ) Machining Fundamentals ET 4311* ( <i>411</i> ) Industrial Design and Ergonomics ET 4314 ( <i>414</i> ) Industrial Quality Assurance ET 4325*, 4325L ( <i>425</i> ) Computer-Aided Drafting and Design ET 4330*, 4330L ( <i>430</i> ) Numerical Control and Computer-Aided Manufacturing ET 4340 ( <i>440</i> ) Principles of Industrial Distribution ET 4370 ( <i>470</i> ) Industrial Safety	12	
<b>ADVANCED ELECTIVES: 27 HOURS (TO TOTAL 39 ADVANCED FROM WTAMU)—SEE NOTE II BELOW.</b>		
ADVANCED ELECTIVES	27	
<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 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. An official degree plan should be requested in the office of the dean of the Sybil B. Harrington College of Fine Arts and Humanities as soon as a student enters the B.A.A.S. program. The dean's office is located in Mary Moody Northen Hall, Room 161 (phone: 806-651-2777). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.**