

**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—Science and Technology
Emphasis**

Office of General Majors

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

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Communication (10)		
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	
Mathematics (20)		
MATH 1314* (<i>110</i>), 1316* (<i>111</i>), 1324* (<i>115</i>), 1325* (<i>116</i>), 1332** (<i>117</i>), 1350** (<i>220</i>), 2412* (<i>1348</i>), or 2413* (<i>240</i>) (extra MATH hour moves to Code 90)	3	
Life and Physical Sciences (Code 30)		
Take two courses from (extra lab hours move to Code 90): ♦		
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	
Language, Philosophy and Culture (Code 40)		
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** (<i>207</i>)	3	
Creative Arts (Code 50)		
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>)	3	
American History (Code 60)		
HIST 1301 (<i>201</i>), 1302 (<i>202</i>), 2301, 2381	6	
Government/Political Science (Code 70)		
POSC 2305 (<i>101</i>) and 2306 (<i>102</i>)	6	
Social and Behavioral Sciences (80)		
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>)	3	
Component Area Option (Code 90)		
Take six hours from: ♦		
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	
PROFESSIONAL DEVELOPMENT CORE: SCIENCE AND TECHNOLOGY		
29-31 HOURS (15-17 if ENGL 2311, MATH 1314, CHEM 1405 or 1411, and PHYS 1401 are taken for University core)		
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A grade of "C" or better must be earned in all courses listed below.		
MATH 1314* (<i>110</i>) College Algebra	3	
CHEM 1405*, 1405L (<i>121</i>) General Chemistry I OR CHEM 1411*, 1411L (<i>101</i>) Chemistry I	4	
PHYS 1401*, 1401L (<i>101</i>) General Physics I	4	
Take 6-8 hours from:		
ENGL 2311* (<i>270</i>) Introduction to Professional and Technical Communication	6-8	
PHYS 1402*, 1402L (<i>102</i>) General Physics II		
CHEM 1412*, 1412L (<i>102</i>) Chemistry II		
BIOL 1406, 1406L (<i>101</i>) Basic and Contemporary Biology I		
BIOL 1411, 1411L (<i>122</i>) Botany		
BIOL 1413, 1413L (<i>121</i>) Zoology		
ENGR 1304, 1304L (<i>125</i>) Engineering Graphics		
ENGR 2372 Special Topics		

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

Take 12 hours from: AGRI/BIOL 3301 (<i>301</i>) Genetics BIOL 3404*, 3404L (<i>304</i>) Evolution BIOL 3092* (<i>399</i>) Special Topics CHEM 3310* (<i>310</i>) Environmental Chemistry ENVR 4301* (<i>ESC 401</i>) Preparation of Environmental Impact Statement ENVR 4302* (<i>ESC 402</i>) Environmental Law ENVR 4306*, 4306L (<i>ESC 406</i>) Hazardous Waste Site Assessment ET 3360* (<i>360</i>) Plant Design and Layout ET 4314 (<i>414</i>) Industrial Quality Assurance ET 4370 (<i>470</i>) Industrial Safety & Accident Prevention	12	
ADVANCED ELECTIVES: 27 HOURS (TO TOTAL 39 ADVANCED HOURS EARNED AT 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 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 of transfer of technical-vocational credits, up to a maximum of 48 hours. Additional hours of academic credit may be transferred.

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.