

West Texas A&M University

Advising Services

Degree Checklist

2025-2026

(For assistance completing this form, contact Advising Services at 806-651-5300)

Name: _____ WT ID: _____ Date: _____

Mathematics/Science (Grades 4-8) Certification (Education B.S.)		
Department of Education (OM-415) (651-2909)		
Degree: Bachelor of Science (B.S.) See the "Requirements for Baccalaureate Degrees" section of the Catalog.		
Major: Education	BS.ED.4-8.MATH/SC	
Major Codes: 860		
***** A grade of "C" or better and a 2.75 overall GPA (WT and transfer) is required. *****		
University Core Curriculum Requirements (42 hours)	Semester Credit Hours	
Core 10 - Communication (3 hours from ENGL options) <ul style="list-style-type: none"> • ENGL 1301 or ENGL 1311 	3	
Core 10 - Communication (3 hours from COMM options) <ul style="list-style-type: none"> • COMM 1315; COMM 1318; or COMM 1321 	3	
Core 20 - Mathematics (3 hours) <ul style="list-style-type: none"> • MATH 1314; MATH 1316; MATH 1324; MATH 1325; MATH 1332**; MATH 1342**; MATH 1350**; MATH 2412; or MATH 2413 (4th hour from 4-hour course moves to Core 90.) 	3	
Core 30 - Life and Physical Sciences (6 hours) <ul style="list-style-type: none"> • ANSC 1319; BIOL 1308 or BIOL 1406; BIOL 1309 or BIOL 1407; BIOL 1411; BIOL 1413; CHEM 1305 or CHEM 1411; CHEM 1412; ENVR 1407; GEOL 1301 or GEOL 1403; GEOL 1302; GEOL 1404; PHYS 1311; PHYS 1312; PHYS 1371; PHYS 1401; PHYS 1402; PHYS 2425; PHYS 2426; PSES 1301 or PSES 1307 <p style="font-size: small; margin-top: 10px;">(Cannot receive University Core credit for both BIOL 1308 and BIOL 1406; or for both BIOL 1309 and BIOL 1407; or for both CHEM 1305 and CHEM 1411; or for both GEOL 1301 and GEOL 1403. CHEM 1305 does not count as a prerequisite for CHEM 1412.) (4th hour from 4-hour courses move to Core 90.)</p>	3	3
Core 40 - Language, Philosophy and Culture (3 hours) <ul style="list-style-type: none"> • ANTH 2351; ENGL 2321; ENGL 2326; ENGL 2331; ENGL 2341; ENGL 2343; HIST 2311; HIST 2323; HIST 2372; MCOM 1307; PHIL 1301; PHIL 2374; SPAN 2311; SPAN 2312 [or an equivalent course (second year or intermediate level) in a foreign language]; SPAN 2313; SPAN 2315; or SPAN 2371 	3	
Core 50 - Creative Arts (3 hours) <ul style="list-style-type: none"> • ARTS 1301; ARTS 1303; ARTS 1304; DANC 2303; MUSI 1306; MUSI 1307; MUSI 1310; or THRE 1310 	3	
Core 60 - American History (6 hours) <ul style="list-style-type: none"> • HIST 1301; HIST 1302; HIST 2301; HIST 2381; or HIST 2382 	3	3
Core 70 - Government / Political Science (6 hours) <ul style="list-style-type: none"> • POSC 2305 and POSC 2306 	3	3

Core 80 - Social and Behavioral Sciences (3 hours)		
<ul style="list-style-type: none"> AGBE 2317; COMM 2377; CRIJ 1301; ECON 2301; ECON 2302; GEOG 1302; PSYC 2301; or SOCI 1301 	3	
Core 90 - Component Area Option (3 of 6 hours)		
<ul style="list-style-type: none"> AGRI 2300; BUSI 1301; BUSI 1304; CIDM 1105; CIDM 1301 or CIDM 1315; CS 1301; ECON 2331; EDUC 1300; ENGL 1101; ENGL 1102; ENGL 1302; ENGL 1312; ENGL 2311; HSCI 2300; IDS 1071 (1-3 hours); MUSI 1053 (1-2 hours); PHIL 2303; or SES 1120 <p>See Major-Specific University Core Requirements below for remaining 3 hours.</p> <p>(Cannot receive credit for both CIDM 1301 and CIDM 1315 for Core 90.) (ENGL 1101 and ENGL 1102 cannot count for English B.A. requirement.) (4th hours from 4-hour courses in Cores 20 and 30 may be used in this section.)</p>	3	
Education Major Requirements (81 hours)		
Major-Specific University Core Requirements (3 hours)		
The following courses are required for their specific Core areas <u>instead of</u> the courses listed above in the general University Core Curriculum.		
**** C or better and 2.75 combined GPA for Major-Specific University Core and Teaching Field Requirements. ****		
Core 90 - Component Area Option (3 of 6 hours)		
Students are encouraged to take one of the following courses:		
<ul style="list-style-type: none"> EDUC 1300 - Principles of Effective Learning or another University Core 90 equivalent 	3	
Professional Development Requirements (21 hours)		
**** C or better and 2.75 GPA in Professional Development Requirements. ****		
EPSY 3341 - Educational Psychology		3
EPSY 4341 - Educator Readiness and Performance		3
EDPD 4340 - Classroom Management		3
EDPD 4348 - Data-Informed Instruction and Assessment		3
EDEL 4371 - Educational Methodology		3
EDEL 4341 - Clinical Teaching-Elementary		3
EDPD 4398 - Clinical Teaching - All Certificate Areas		3
Teaching Field Requirements (55-56 hours)		
**** C or better and 2.75 combined GPA for Major-Specific University Core and Teaching Field Requirements. ****		
EDRD 3302 - Reading Skills I		3
EDRD 4302 - Reading Skills II		3
EDRD 3325 - Science of Teaching Reading		3
EDPD 4388 - English as a Second Language Teaching Methods		3
EDEL 4381 - STEM Teaching and Learning		3
EPSY 3350 - Children with Special Needs		3
MATH 1350 - Math for Teachers I		3
MATH 1351 - Math for Teachers II		3
NSCI 2371 - Integrated Science: Earth Science		3
NSCI 2372 - Integrated Science: Biology		3
BIOL 3301 - Genetics or BIOL 3303 - Human Genetics		3

MATH 1316 - Plane Trigonometry or MATH 2412 - Pre-Calculus Math	3-4
MATH 2413 - Calculus I	4
MATH 3331 - Secondary Principles in Geometry	3
PHYS 4321 - Principles of Physical Science	3
10-11 hours (at least three advanced) from: BIOL 1411 - Botany BIOL 1413 - Zoology BIOL 3385 - Marine Biology CHEM 1411 - Chemistry I CHEM 1412 - Chemistry II PHYS 1311 - Planetary Astronomy GESC 3303 - Oceanography GESC 3308 - Environment and Man GESC 3310 - Minerals and Rocks GESC 3313 - Meteorology	10-11
Total hours required to complete degree: 120 hours Depending on transfer credits and other substitutions/waivers, student may need to take additional electives as needed to total a minimum of 120 hours or the minimum total hours required for this degree, of which at least 36 must be advanced (3000/4000 level) and earned at WTAMU.	
Prerequisites Some courses may require prerequisites. See the University Catalog for more information.	
Advising Notes	
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. In addition, this document is used as an advising resource. For official information, please refer to the University Catalog.	