

WTAMU ADVISING SERVICES – 2025-2026 Curriculum Guide

Major: Education – Science (4-8) Certification, B.S.

Major Code: 860 (BS.ED.4-8.SCIENCE)

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 10 (Communication) – COMM 1315, 1318 or 1321	3
CORE 20 (Math) – MATH 1314 or 1324	3	CORE 30 (Life & Phys. Sci.) – See checklist for options ¹	3
CORE 30 (Life & Phys. Sci.) – See checklist for options ¹	3	CORE 50 (Creative Arts) – See checklist for options ¹	3
CORE 60 (American History) – See checklist for options ¹	3	CORE 60 (American History) – See checklist for options ¹	3
CORE 90 (Component Area Option) – EDUC 1300	3	CORE 70 (Govt./Political Sci.) – POSC 2305	3
Total:	15	Total:	15
Year 2: Fall		Year 2: Spring	
CORE 40 (Lang., Phil. & Culture) – See checklist for options ¹	3	EPSY 3341 Educational Psychology ²	3
CORE 70 (Govt./Political Sci.) – POSC 2306	3	EPSY 3350 Children with Special Needs (summer also)	3
CORE 90 (Comp. Area Opt.) – See checklist for options ¹	3	MATH 1351 Math for Teachers II	3
MATH 1350 Math for Teachers I	3	NSCI 2371 Integrated Science: Earth Science	3
Sciences courses ³ – 1 st of 3 courses (summer options)	3-4*	Sciences courses ³ – 2 nd of 3 courses (summer options)	3-4*
NSCI 2372 Integrated Science: Biology (summer also)	3		
Apply to EPP (Educator Preparation Program)	0		
Total:	19	Total:	16
Year 3: Fall		Year 3: Spring	
CORE 80 (Social & Behav. Sci.) - See checklist for options ¹	3	EDEL 4381 STEM Teaching and Learning	3
EDRD 3302 Reading Skills I	3	EDRD 4302 Reading Skills II	3
EDEL 4371 Educational Methodology	3	EPSY 4341 Educator Readiness and Performance	3
MATH 3301 Math for Teachers III	3	PHYS 4321 Principles of Physical Science	3
Sciences courses ³ – 3 rd of 3 courses (summer options)	3-4*	Sciences courses ⁴ – 2 nd of 3 courses	3-4*
Sciences courses ⁴ – 1 st of 3 courses	3-4*		
Total:	19	Total:	15
Year 4: Fall		Year 4: Spring	
EDPD 4340 Classroom Management	3	EDPD 4398 Clinical Teaching – All Certificate Areas	3
EDPD 4348 Data-Informed Instr. & Assess. (summer also)	3	EDEL 4341 Clinical Teaching – Elementary	3
EDPD 4388 English as a Second Lang. Teaching Methods	3		
EDRD 3325 Science of Teaching Reading (summer also)	3		
Sciences courses ⁴ – 3 rd of 3 courses	3-4*		
Total:	15	Total:	6

¹ **CORE:** Education – Science 4-8 Certification majors are required to take specific courses for Core 20. For all other categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

² **Requirements to take EPSY 3341:** Apply to the Educator Preparation Program; application submitted to Office of Teacher Preparation (Old Main 415); 2.75 GPA in overall WT/transfer hours combined or last 60 hours taken; 2.75 GPA in content field(s)/teaching field(s).

³ **Science courses:** Take 11-12 hours from BIOL 1411, 1413; CHEM 1411, 1412; GEOL 1302; PHYS 1401, 1402.

⁴ **Science courses:** Take 9-10 hours from BIOL 2401, 3301, 3385, 3418; GESC 3303, 3308, 3310, 3313; PHYS 1311.

* Must take a combined total of 21 hours from Science Courses³ and Science Courses⁴.

Identified Marketable Skills	Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities
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Additional notes:

- 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.

- 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 six semester hours in religion (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student’s official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.