



**WTAMU ADVISING SERVICES – 2023-2024 Curriculum Guide**

**Major: Education – Math/Sci. (4-8) Cert., B.S.**

**Major Code: 860**

<b>Year 1: Fall</b>	
CORE 10 (Communication) – ENGL 1301 or 1311	3
CORE 20 (Math) – MATH 1314 or 1324	3
CORE 30 (Life & Phys. Sci.) – See checklist for options <sup>1</sup>	3
CORE 60 (American History) – See checklist for options	3
CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3
<b>Total:</b>	<b>15</b>

<b>Year 1: Spring</b>	
CORE 10 (Communication) – COMM 1315, 1318 or 1321	3
CORE 30 (Life & Phys. Sci.) – See checklist for options	3
CORE 60 (American History) – See checklist for options	3
CORE 70 (Govt./Political Sci.) – POSC 2305 or 2306	3
CORE 90 (Component Area Option) – See checklist for options	3
<b>Total:</b>	<b>15</b>

<b>Year 2: Fall</b>	
CORE 40 (Lang., Phil. & Culture) – See checklist for options	3
CORE 50 (Creative Arts) – See checklist for options	3
CORE 90 (Component Area Option) – See checklist for options	3
MATH 1316 Plane Trigonometry <b>or</b> 2412 Pre-Calculus Math	3-4
MATH 1350 Math for Teachers I	3
<b>Total:</b>	<b>15-16</b>

<b>Year 2: Spring</b>	
CORE 80 (Social & Behav. Sci.) - See checklist for options	3
EPSY 3350 Children with Special Needs (summer also)	3
BIOL 3301 Genetics <b>or</b> BIOL 3303 Human Genetics	3
MATH 2413 Calculus I	4
MATH 1351 Math for Teachers II	3
NSCI 2371 Integrated Science: Earth Science	3
<b>Total:</b>	<b>19</b>

<b>Year 3: Fall</b>	
EPSY 3341 Educational Psychology - Apply to Educator Preparation Program <sup>2</sup>	3
EDRD 3302 Reading Skills I	3
NSCI 2372 Integrated Science: Biology (summer also)	3
BIOL 3301 Genetics <b>or</b> BIOL 3303 Human Genetics	3
BIOL 1411, 1413, 3385; CHEM 1411, 1412; PHYS 1311	3-4
BIOL 3385, GESC 3303, GESC 3308, GESC 3310, or GESC 3313	3
<b>Total:</b>	<b>18-19</b>

<b>Year 3: Spring</b>	
EDEL 4371 Educational Methodology	3
EDPD 4348 Data-Informed Instruction and Assessment (summer also)	3
BIOL 1411, 1413, 3385; CHEM 1411, 1412; PHYS 1311	3-4
EDRD 4302 Reading Skills II	3
MATH 3331 Secondary Principles in Geometry	3
PHYS 4321 Principles of Physical Science	3
<b>Total:</b>	<b>18-19</b>

<b>Year 4: Fall</b>	
EDPD 4340 Classroom Management	3
EPSY 4341 Educator Readiness and Performance	3
EDPD 4388 English as a Second Language Teaching Methods	3
EDEL 4381 STEM Teaching and Learning	3
EDRD 3325 Science of Teaching Reading (summer also)	3
<b>Total:</b>	<b>15</b>

<b>Year 4: Spring</b>	
EDPD 4398 Clinical Teaching – All Certificate Areas	3
EDEL 4341 Clinical Teaching - Elementary	3
<b>Total:</b>	<b>6</b>

<sup>1</sup> **CORE:** Education – Math/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.

<sup>2</sup> **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).

<b>Identified Marketable Skills</b>	<b>Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities</b>
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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.