



# Associate of Arts in Teaching

Grades EC-6, 4-8

Bachelor in Science in Interdisciplinary Studies –  
Middle School Math and Science Concentration<sup>T</sup>

## Guided Pathway

Effective for the 2019-2020 Catalog



### First Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1301	<sup>C</sup> ENGL 1302 or ENGL 2311
<sup>C</sup> MATH 1314 College Algebra	<sup>C</sup> BIOL 1406
<sup>C</sup> SPCH 1315 OR SPCH 1321 OR SPCH 1321	<sup>C</sup> Lang, Phil, & Culture (see list) - 3 hours
<sup>C</sup> History (see list) – 3 hours	<sup>C</sup> History (see list) – 3 hours
EDUC 1301 Intro to the Teaching Profession	EDUC 2301 Intro to Special Populations

Total Semester Hours: 15

Total Semester Hours: 16

### Second Year – Collin College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> GOVT 2305	<sup>C</sup> GOVT 2306
<sup>C</sup> PHYS 1415	<sup>C</sup> Creative Arts (see list) – 3 hours
<sup>C</sup> ECON 1301 – Introduction To Economics <u>OR</u> <sup>C</sup> ECON 2301 – Principles of Macroeconomics <u>OR</u> <sup>C</sup> GEOG 1303 – World Regional Geography	MATH 1351 Mathematics for Teachers II
MATH 1350 Mathematics for Teachers I	<b>BIOL 1407</b> (BIOL 1307 and 1107) – Biology for Science Majors II
<b>PSYC 2308</b> – Child Psychology	Elective (see list) – 1 to 3 hours

Total Semester Hours: 16

Total Semester Hours: 14-16

## Associate of Arts in Teaching

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

### These courses may be taken at Collin College or TSU

<b>MATH 2412</b> – Precalculus Math <u>OR</u> <b>MATH 1316</b> - Plane Trigonometry	CHEM 1406/1411
<b>MATH 2413</b> – Calculus I	<b>MATH 1342</b> (MATH 1442) – Elementary Statistical Methods

Total Semester Hours: 14-15

### Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
<b>MATH 3302</b> – Principles of Geometry	<b>EDUC 3321</b> - Foundations of Teaching: Middle and Secondary Classrooms
	<b>READ 3356</b> – Content Area Literacy for Interdisciplinary Studies <u>OR</u> <b>READ 3351</b> - Content Area Literacy (for Middle School Math/Science Only)
<b>READ 3311</b> – Literacy for the Early Years	<sup>C</sup> <b>EASC 2310</b> – Earth Systems Science (Life and Physical Science Core)
<b>BIOL 4401</b> – Ecology (Fall and Summer Odd)	<b>READ 3321</b> – Early Childhood Literacy Field Implementation
	<b>EDUC 3385</b> – Science Teaching Implementation

Total Semester Hours: 10

Total Semester Hours: 15

### Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
<b>MATH 4304</b> – Survey of Mathematical Ideas <u>OR</u> <b>MATH 4305</b> – Concepts of Elementary Mathematics III	<b>EDUC 4335</b> – Issues of Professionalism
<b>GEOL 1407</b> – Introduction to Environmental Science	<b>EDUC 4690</b> – Clinical Teaching
<b>EDUC 3331</b> - Methodology Field Implementation <u>OR</u> <b>READ 4331</b> - Assessment Field Implementation	<b>EDUC 4331</b> - Instructional Strategies for Middle and Secondary Classrooms
<b>EDSP 4363</b> – Teaching Learners with Learning Disabilities	

Total Semester Hours: 13

Total Semester Hours: 12

**TOTAL: 125**

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

( ) Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

Life & Physical Sciences – choose three from: **BIOL** 1406, 1407, 1408, 1409, 1414, 1415, 2401, 2402, 2404, 2406, 2416, 2420, 2421, **CHEM** 1405, 1411, 1412, 2423, 2425, **ENVR** 1401, 1402, **GEOL** 1401, 1402, 1403, 1404, 1445, 1447, **PHYS** 1401, 1402, 1403, 1404, 1405, 1410, 1415, 1417, 2425, 2426

History – choose two from: **HIST** 1301, 1302, 2301

Language, Philosophy, & Culture - choose one from: **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343

Creative Arts - choose one from: **ARTS** 1301(recommended), 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310

Social and Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 2301, 2302, **PSYC** 2301 (recommended), **SOCI** 1301, 1306

For questions about the university portion of this pathway,  
contact the Curriculum and Instruction department at 254-968-9097.