



Associate of Arts in Teaching

Grades EC-6, 4-8

Bachelor in Science in Elementary Teacher Education –
4-8 Math and Science Concentration^T

Guided Pathway

Effective for the 2020-2021 Catalog



First Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 1301 Composition I	^c ENGL 1302 or ENGL 2311
^c MATH 1314 College Algebra	^c Life/Physical Science (see list) – 4 hours (TSU requires BIOL 1406 or BIOL 1408)
^c SPCH 1315 OR SPCH 1321 OR SPCH 1321	^c Lang, Phil, & Culture (see list) - 3 hours
^c History (see list) – 3 hours	^c History (see list) – 3 hours
EDUC 1301 Intro to the Teaching Profession	EDUC 2301 Intro to Special Populations

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
^c GOVT 2305 Federal Government	^c GOVT 2306 Texas Government
^c Life/Physical Science (see list) – 4 hours (TSU requires PHYS 1415)	^c Creative Arts (see list) – 3 hours
^c Social/Behavioral Science* (see list) - 3 hours (TSU requires ECON 1301 – Introduction to Economics <u>OR</u> ECON 2301 – Principles of Macroeconomics <u>OR</u> GEOG 1303 – World Regional Geography)	MATH 1351 Mathematics for Teachers II
MATH 1350 Mathematics for Teachers I	Life/Physical Science (see list) – 4 hours (TSU requires BIOL 1407 (BIOL 1307 and 1107) – Biology for Science Majors II)
Elective from any discipline (TECA recommended) (TSU requires PSYC 2308 – Child Psychology)	

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

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

Third Year – Tarleton State University

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

Fourth Year – Tarleton State University

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

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.

^c 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.

^T Degree availability varies by campus; consult 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.