



AA in Teaching Certification
 Bachelor in Science in Interdisciplinary Studies
 Middle School Math and Science Concentration^T



Guided Pathway

Effective for the 2019-2020 Catalog

First Year – Central Texas College

FIRST SEMESTER	SECOND SEMESTER
EDUC 1301 Intro to Teaching Profession	MATH 1350 Mathematics for Teachers I**
^c MATH 1314 College Algebra	^c BIOL 1406 Biology for Science Majors I
^c ENGL 1301 Composition I	^c HIST 1301 United States History I
^c PHYS 1415 Physical Science I	^c SPCH 1315, 1318 or 1321
^c PSYC 2301 General Psychology	ENGL 1302 Composition II

Total Semester Hours: 16

Total Semester Hours: 16

Second Year – Central Texas College

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

FIRST SEMESTER	SECOND SEMESTER
MATH 1351 Mathematics for Teachers II	EDUC 2301 Intro to Special Populations
ENGL 2327 American Literature I	^c HUMA 1315 – Fine Arts Appreciation
^c GOVT 2305 Federal Government	^c GOVT 2306 Texas Government
^c HIST 1302 United States II	ENGL 2328 American Literature II
BIOL 1407 Biology for Science Majors II	

Total Semester Hours: 16

Total Semester Hours: 12

AA: Teaching Certification

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

Total Semester Hours: 16-18

These courses may be completed at CTC (if offered) or TSU

^c CHEM 1406 Introductory Chemistry I (CTC) OR ^c CHEM 1411 General Chemistry I (CTC or TSU) OR ^c CHEM 1302 Essential Elements of Chemistry (TSU)	MATH 2413 – Calculus I
MATH 1342 (MATH 1442) – Elementary Statistical Methods	PSYC 2308 – Child Psychology
MATH 2412 – Precalculus Math <u>OR</u> MATH 1316 - Plane Trigonometry	

Third Year – Tarleton State University

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

Total Semester Hours: 13

Total Semester Hours: 15

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	

Total Semester Hours: 12

Total Semester Hours: 12

Total Degree Hours: 137-139

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.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^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.

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