

## Associate of Science to

Bachelor of Science in Environmental Sciences Environmental Policy Concentration T

# **Guided Pathway** Effective for the 2019-2020 catalog<sup>1</sup>





First Year – Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland College<sup>2</sup>

FIRST SEMESTER	SECOND SEMESTER
CENGL 1301 – Composition I (010)	<sup>c</sup> ENGL 1302 – Composition II 010)
CHIST 1301 – United States History I (060)	CHIST 1302 – United States History II* (060)
EDUC 1300 – Learning Framework®	<sup>c</sup> MATH 1342 – Elementary Statistical Methods
<sup>c</sup> BIOL 1406 – Biology for Science Majors	CHEM 1411 (CHEM 1311+1111) – College Chemistry I

Total Semester Hours: 13 Total Semester Hours: 13

GOVT 2305 - Federal Government (070) GEOL 1403 (GEOL 1303+1103) - Physical Geology

Total Semester Hours: 7 Second Year - Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland College

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

FIRST SEMESTER	SECOND SEMESTER
Choose One: "SPCH 1311 - Introduction to Speech Communication <u>OR</u> (090) "SPCH 1315 - Public Speaking (090)  AND "PHED 1164 - Introduction to Physical Fitness and Wellness (090)  OR "Foreign Language 1411" (090)	Choose One:  **ENGL 2326 – American Literature* (040)  **ENGL 2331 – World Literature* (040)  **PHIL 1301 – Introduction to Philosophy* (040)
Choose One: GARTS 1301 - Art Appreciation* (050) CDRAM 1310 - Introduction to Theater* (050) MUSI 1306 - Music Appreciation* (050)	<sup>c</sup> MATH 2412 – Precalculus Math
GEOL 1405 – Introduction to Environmental Science	SOCI 1301 – Introductory Sociology
CECON 2301 – Principles of Macroeconomics* (080)	<sup>c</sup> GOVT 2306 – Texas Government (070)
BIOL 1407 – Biology for Science Majors II+* <u>OR</u> CHEM 1412 – General Chemistry II+*	
Total Semester Hours: 18	Total Semester Hours: 13

#### Associate of Science (64 hours)

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

#### Third Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
SOCI 4302 – Methods of Social Research	POLS 4311 – Environmental Law
ENVS 2451 – Introduction to Geographic Information Systems	SOCI 3312 – Environmental Sociology
WSES 2405 – Ecology for Natural Resource Managers	Advanced WSES, ENVS, EASC, CHEM, POLS, GEOL Elective
ECON 3304 – Environmental Economics	ENGL 3309 – Technical Writing & Document Design
	POLS 3310 – Environmental Politics

Total Semester Hours: 14

Total Semester Hours: 15

TOTAL: 123

### Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
WSES 3406 – Wildland Plant Identification and Ecology <u>OR</u>	EASC 3350 – Environmental Science <u>OR</u>
WSES 3408 – Dendrology and Woody Plant Identification (Spring Only) OR	EASC 4313 – Environmental Techniques <u>OR</u>
BIOL 3407 – Microbiology	WSES 4313 – Vegetation Measurement, Inventory, & Monitoring OR
	SOIL 3412 – Soil Genesis, Morphology, and Classification OR
ENVS 4187 – Environmental Science Capstone <u>OR</u>	WSES 3320 – Watershed Management <u>OR</u>
WSES 4187 – Senior Capstone Seminar	WSES 3313 – Plant Diversity and Conservation <u>OR</u>
	WSES 4303 – Ecological Restoration
POLS 4310 – International Environmental Issues	¹ Environmental & Society Requirement
SOIL 3301 – Soil Science AND	ENVS 4084 – Internship <u>OR</u>
SOIL 3101 – Soil Science Laboratory	ENVS 4088 – Undergraduate Research <u>OR</u>
	ENVS 4340 – Natural Resource Field Studies <u>OR</u>
	WSES 4084 – Internship in the Natural Resource Sciences <u>OR</u>
	WSES 4088 – Undergraduate Research in the Natural Resource Sciences OR
	WSES 4342 – Field Study Abroad OR
	WSES 4340 – Natural Resource Field Studies
ENVS 3302 OR SOIL 3302 - Soils, Land Use, and The Environment	<sup>2</sup> Advised Elective

Total Semester Hours: 15

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.

1 You may use this pathway if you entered one of the seven colleges on or before this dade.

2 Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

8 All colleges students with fewer than 12 semester recedit hours of successful college of "C" or above) must take a student success course in the first semester.

1 To register for NATH 2413, you must have completed the prerequisite math courses as follows: MATH 1314, MATH 1316, MATH 2412

1 This course counts for the Core Curriculum at any public college or university in Texas or university in Texas or university in Texas or investing the second of the course work.

1 There are several options to fulfill this requirement. See your academic advisor for a specific list.

2 Elective courses should be selected according to the intended university to which you will transfer. See your academic advisor for assistance with course selection.

1 You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course and receive a GPA of at least 2.50 on all college-level course work.

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COMM 3305 – Environmental Communication
POLS 4310 – International Environmental Issues
SOCI 3312 – Environmental Sociology

PHIL 4305 – Environmental Ethics
ECON 3304 – Environmental Economics
WSES 4306 – Water Resources Policy and Management ENVS 3375 - Population, Pollution, and Resource Depletion

WSES 3315 – Sustainability
ENVS 3323 – Ethical Issues in Agriculture and the Natural Resources

Choose one from the following

SOIL 4212 – Soil Ecology
SOIL 4450 – Soil Nutrient Cycling
BIOL 3340 – Introduction to Marine Biology

WSES 3309 - Aquaponics

BIOL 4441 - Limnology

BIOL 3407 - Microbiology

BIOL 3415 - Plant Taxonomy WSES 3313 - Plant Diversity and Conservation

WSES 4309 – Plant-Animal Interactions

ENVS 3302 – Soils, Land Use, and The Environment GEOL 3310 – Geomorphology

EASC 3340 - Oc inography WSES 4311 – Fire Ecology

