



AA/AS General Studies
Environmental Science Emphasis to
Bachelor of Science in Environmental Science
Environmental Policy Concentration[†]
Guided Pathway
 Effective beginning with the 2019-2020 catalog



First Year - Collin College
 (Developmental coursework may be required.)

FIRST SEMESTER	SECOND SEMESTER
^c ENGL 1301 Composition I	^c ENGL 1302 Composition II (or ENG 2311)
^c MATH 1342 – Elementary Statistical Methods	^c MATH 2412 – Precalculus Math
^c Speech (see list below) – 3 hours	^c Lang, Phil, & Culture (see list below) - 3 hours
^c History (see list below) – 3 hours	^c History (see list below) – 3 hours
^c ENVR 1401 Environmental Science I	^c ENVR 1402 Environmental Science II
Total Semester Hours: 16	Total Semester Hours: 17

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 BIOL 1406 (BIOL 1306 & 1106) – Biology for Science Majors	^c Creative Arts (see list below) – 3 hours
^c SOCI 1301 – Introductory Sociology	^c BIOL 1407 (BIOL 1307 & 1107) – Biology for Science Majors II
CHEM 1411 (CHEM 1311+1111) – College Chemistry I	GEOL 1403 (GEOL 1303+1103) – Physical Geology
Total Semester Hours: 14	Total Semester Hours: 14

AA in General Studies

Contact your advisor at Collin College for information about applying for your Associate's degree.

Total Semester Hours: 8

These courses may be completed at CC or TSU	
^c First Year Seminar Elective (Learning Frameworks)	GEOL 1407 (GEOL 1305+1105) – Introduction to Environmental Science <u>OR</u> AGRI 1307 & 1107 (AGRI 1407) – Agronomy and Agronomy Laboratory
^c ECON 1301 – Introduction To Economics	

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

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
WSES 3406 – Wildland Plant Identification and Ecology <u>OR</u> WSES 3408 – Dendrology and Woody Plant Identification (Spring Only) <u>OR</u> BIOL 3407 – Microbiology	EASC 3350 – Environmental Science <u>OR</u> EASC 4313 – Environmental Techniques <u>OR</u> WSES 4313 – Vegetation Measurement, Inventory, & Monitoring <u>OR</u> SOIL 3412 – Soil Genesis, Morphology, and Classification <u>OR</u>
ENVS 4187 – Environmental Science Capstone <u>OR</u> WSES 4187 – Senior Capstone Seminar	WSES 3320 – Watershed Management <u>OR</u> WSES 3313 – Plant Diversity and Conservation <u>OR</u> WSES 4303 – Ecological Restoration
POLS 4310 – International Environmental Issues	[†] Environmental & Society Requirement
SOIL 3301 – Soil Science <u>AND</u> SOIL 3101 – Soil Science Laboratory	ENVS 4084 – Internship <u>OR</u> 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 <u>OR</u> WSES 4342 – Field Study Abroad <u>OR</u> WSES 4340 – Natural Resource Field Studies
ENVS 3302 <u>OR</u> SOIL 3302 – Soils, Land Use, and The Environment	[‡] Advised Elective
Total Semester Hours: 15	Total Semester Hours: 15

Total Degree Hours; 128

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.

[‡] Degree availability varies by campus; consult www.tarleton.edu for more information.

[†] Choose one from the following:

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| COMM 3305 – Environmental Communication
POLS 4310 – International Environmental Issues
SOCI 3312 – Environmental Sociology
WSES 3315 – Sustainability
ENVS 3323 – Ethical Issues in Agriculture and the Natural Resources
SOIL 4212 – Soil Ecology
SOIL 4450 – Soil Nutrient Cycling
BIOL 3349 – Introduction to Marine Biology
BIOL 3407 – Microbiology
WSES 3309 – Aquaponics
WSES 3403 – Natural History of the Vertebrates
WSES 4309 – Plant-Animal Interactions
ENVS 3302 – Soils, Land Use, and The Environment | PHIL 4305 – Environmental Ethics
ECON 3304 – Environmental Economics
WSES 4306 – Water Resources Policy and Management
ENVS 3375 – Population, Pollution, and Resource Depletion
SOIL 4213 – Soil Physical Properties
BIOL 4441 – Limnology
BIOL 3415 – Plant Taxonomy
WSES 3313 – Plant Diversity and Conservation
EASC 3340 – Oceanography
WSES 4311 – Fire Ecology
GEOL 3310 – Geomorphology |
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Mathematics – AS degree MUST choose TWO from: MATH 1314, 1414, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415. AA degree may choose ONE from above or ONE from: MATH 1324, 1325, 1332, 1350, 1351

Speech – choose one from: SPCH 1311, 1315, or 1321

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

Language, Philosophy, & Culture – choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2345, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321

Creative Arts – choose one from: ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

For questions about the university portion of this pathway, contact the Wildlife, Sustainability & Ecosystem Sciences department at 254-968-9221.