

AA/AS General Studies Environmental Science Emphasis to

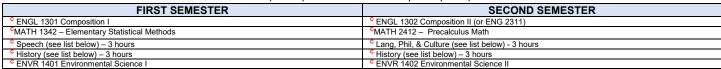
Bachelor of Science in Environmental Science Environmental Policy Concentration^T



Effective beginning with the 2019-2020 catalog



(Developmental coursework may be required.)



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		
*CFirst Year Seminar Elective (Learning Frameworks)	GEOL 1407 (GEOL 1305+1105) – Introduction to Environmental Science OR	
	AGRI 1307 & 1107 (AGRI 1407) – Agronomy and Agronomy Laboratory	
CECON 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 OR	EASC 3350 – Environmental Science OR
WSES 3408 – Dendrology and Woody Plant Identification (Spring Only) OR	EASC 4313 – Environmental Techniques OR
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 OR
WSES 4187 – Senior Capstone Seminar	WSES 3313 – Plant Diversity and Conservation OR
	WSES 4303 – Ecological Restoration
POLS 4310 – International Environmental Issues	¹ Environmental & Society Requirement
SOIL 3301 – Soil Science AND	ENVS 4084 – Internship <u>OR</u> ENVS 4088 – Undergraduate Research <u>OR</u>
SOIL 3101 – Soil Science Laboratory	ENVS 4340 – Natural Resource Field Studies OR
	WSES 4084 – Internship in the Natural Resource Sciences OR
	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	² 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-lime students may also follow this sequence. Developmental coursework may be required.

**This course counts for the Core Curriculum at any public college or university in Texas.

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(**Choses one from the following:

**Choose one from the following:

**COMM 3305 – Environmental Communication

**PILL 4305 – Environmental Foundation

**POLS 4310 – International Environmental Issues

**SCOI 3312 – Environmental Economics

**SCOI 3312 – Environmental Economics

**SCOI 3312 – Environmental Environmental Resources

**SCOI 3312 – Environmental Scolology

**WSES

**SCOI 3312 – Sustainability

**ENVS 3232 – Ethical Issues in Agriculture and the Natural Resources

**Choose one from the following:

**SCOIL 4212 – Soil Ecology

**SOIL 4212 – Soil Ecology

**SOIL 4415 – Soil Ecology

**SOIL 4415 – Soil Hotirent Cycling

**SOIL 4416 – Soil Hotirent Cycling

**SOIL 4416 – Soil Hotirent Cycling

**SOIL 4416 – Soil Hotirent Cycling

**SOIL 4417 – Soil Hotirent C PHIL 4305 - Environmental Ethics

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

SOIL 4450 – Soil Nutrient Cycling BIOL 3340 – Introduction to Marine Biology BIOL 3407 – Microbiology WSES 3309 – Aquaponics WSES 3403 – Natural History of the Vertebrates WSES 4403 – Paint-Animal Interactions ENVS 3302 – Soils, Land Use, and The Environment EASC 3340 - Oceanography
WSES 4311 - Fire Ecology
GEOL 3310 - Geomorphology

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: **CHO** 1322, 2323, 2327, 2328, 2332, 2342, 2343, **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