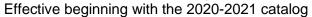


AA/AS General Studies

Environmental Science Emphasis to Bachelor of Science in Environmental Science Soil Science Concentration T





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 Mathematics (see list below) – 3 hours	^c Related Elective (see list below) - 4 hours
(TSU requires MATH 1342 – Elementary Statistical Methods)	(TSU requires MATH 2412 – Pre-calculus 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

Second Year - Collin College

Applying 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 Related Elective (see list below) - 4 hours	^c Creative Arts (see list below) – 3 hours
(TSU requires BIOL 1406 (BIOL 1306 & 1106) – Biology for Science Majors)	
^c Social/Behavioral Science (see list below) -3 hours	Related Elective (see list below) - 4 hours
(TSU requires PHIL 2303 – Introduction to Logic)	(TSU requires BIOL 1407 (BIOL 1307 & 1107) – Biology for Science Majors II)
Related Elective (see list below) - 4 hours	Related Elective (see list below) - 4 hours
(TSU requires CHEM 1411 (CHEM 1311+1111) – College Chemistry I)	(TSU requires GEOL 1403 (GEOL 1303+1103) – Physical Geology)

AA in General Studies

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

These courses may be taken at Collin College or TSU		
CHEM 1412 (CHEM 1312+1112) – College Chemistry II	GEOL 1407 (GEOL 1305+1105) – Introduction to Environmental Science <u>OR</u>	
	AGRI 1307 & 1107 (AGRI 1407) – Agronomy and Agronomy Laboratory	

Third Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
WSES 2405 – Ecology for Natural Resource Managers	EASC 4313 – Environmental Techniques OR
	WSES 4313 – Vegetation Measurement, Inventory, & Monitoring <u>OR</u>
	EASC 3350 – Environmental Science
ENVS 2451 – Introduction to Geographic Information Systems	SOIL 3412 – Soil Genesis, Morphology, and Classification Environmental Science
ENGL 3309 – Technical Writing & Document Design	SOIL 4450 – Soil Nutrient Cycling
Advanced Advised Elective	WSES 3320 – Watershed Management <u>OR</u>
	WSES 3313 – Plant Diversity and Conservation OR
	WSES 4303 – Ecological Restoration of Plant Communities
SOIL 2112 – Soil Morphology	

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
POLS 3310 – Environmental Politics <u>OR</u> POLS 4311 – Environmental Law	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 <u>OR</u> WSES 4088 – Undergraduate Research <u>OR</u> WSES 4342 – Field Study Abroad <u>OR</u> WSES 4340 – Natural Resource Field Studies
ENVS 4187 – Environmental Science Capstone <u>OR</u> WSES 4187 – Senior Capstone Seminar	SOIL 4212 – Soil Ecology
Advanced Advised Elective	WSES 3406 – Wildland Plant Identification and Ecology <u>OR</u> WSES 3408 – Dendrology and Woody Plant Identification <u>OR</u> BIOL 3407 – Microbiology
SOIL 3301 – Soil Science AND SOIL 3101 – Soil Science Laboratory	SOIL 4213 – Soil Physical Properties
GEOL 3314 – Geochemistry <u>OR</u> CHEM 3314 – Geochemistry	ENVS 3302 – Soils, Land Use, and the Environment

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

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, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321

Social and Behavioral Sciences - choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306

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

Related Electives - choose at least 18 hours from (second math course can be from this category for AS):

GEOL 1403 Physical Geology MATH 1342 Elementary Statistical Methods BIOL 1406 Biology for Science Majors I MATH 2413 Calculus I

BIOL 1407 Biology for Science Majors II GEOL 1445 Oceanography BIOL 2406 Environmental Biology GEOL 1447 Introduction to Meteorology PHYS 1401 College Physics I CHEM 1411 General Chemistry I

⁽⁾ 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.