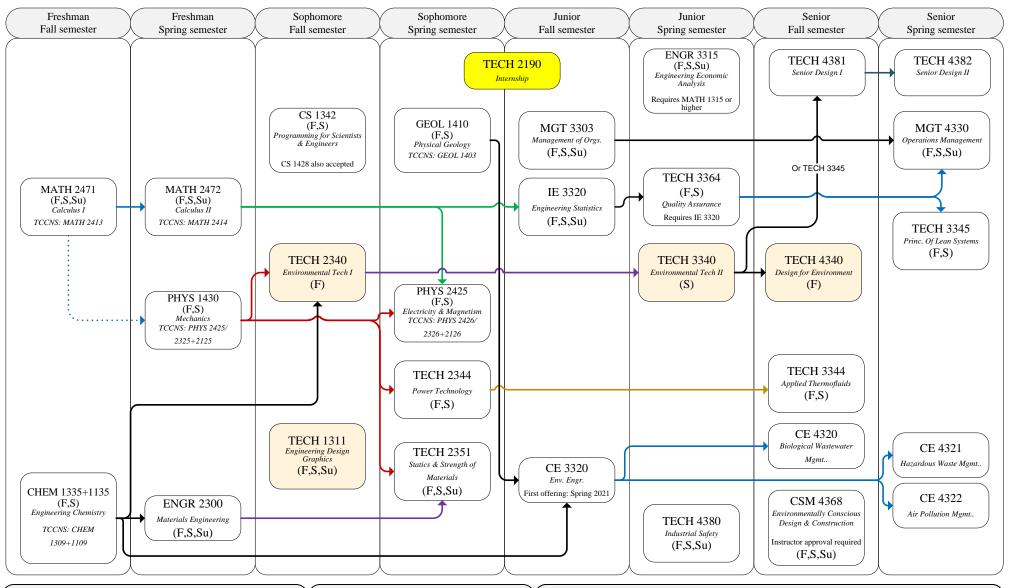# Engineering Technology: Environmental Engineering Technology

(SC-BST/ET/ENVT)   2022 Catalog year: College of Science and Engineering

Freshman Fall semester	Freshman Spring semester	Sophomore Fall semester	Sophomore Spring semester	Junior Fall semester	Junior Spring semester	Senior Fall semester	Senior Spring semester
			TECH 2190 *Internship*		**ENGR 3315** (F,S,Su) *Engineering Economic Analysis* Requires MATH 1315 or higher	**TECH 4381** *Senior Design I*	**TECH 4382** *Senior Design II*
		CS 1342 (F,S) *Programming for Scientists & Engineers* CS 1428 also accepted	**GEOL 1410** (F,S) *Physical Geology* TCCNS: GEOL 1403	**MGT 3303** *Management of Orgs.* (F,S,Su)		Or TECH 3345	**MGT 4330** *Operations Management* (F,S,Su)
MATH 2471 (F,S,Su) *Calculus I* TCCNS: MATH 2413	**MATH 2472** (F,S,Su) *Calculus II* TCCNS: MATH 2414			**IE 3320** *Engineering Statistics* (F,S,Su)	**TECH 3364** (F,S) *Quality Assurance* Requires IE 3320		**TECH 3345** *Princ. Of Lean Systems* (F,S)
		TECH 2340 *Environmental Tech I* (F)	**PHYS 2425** (F,S) *Electricity & Magnetism* TCCNS: PHYS 2426/ 2326+2126		**TECH 3340** *Environmental Tech II* (S)	**TECH 4340** *Design for Environment* (F)	
	PHYS 1430 (F,S) *Mechanics* TCCNS: PHYS 2425/ 2325+2125		**TECH 2344** *Power Technology* (F,S)			**TECH 3344** *Applied Thermofluids* (F,S)	
		TECH 1311 *Engineering Design Graphics* (F,S,Su)	**TECH 2351** *Statics & Strength of Materials* (F,S,Su)	**CE 3320** *Env. Engr.* First offering: Spring 2021		**CE 4320** *Biological Wastewater Mgmt..*	**CE 4321** *Hazardous Waste Mgmt..*
CHEM 1335+1135 (F,S) *Engineering Chemistry* TCCNS: CHEM 1309+1109	**ENGR 2300** *Materials Engineering* (F,S,Su)				**TECH 4380** *Industrial Safety* (F,S,Su)	**CSM 4368** *Environmentally Conscious Design & Construction* Instructor approval required (F,S,Su)	**CE 4322** *Air Pollution Mgmt..*

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science and Engineering Undergraduate Advising Center for advising.

Note: In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

Core courses must be completed:

___ 6 credits Core 010	TXST options: ENG 1310, ENG 1320, ENG 1321, COMM 1310
___ 3 credits Core 020	ET required course: MATH 2471
___ 6 credits Core 030	ET required courses: PHYS 1430 + CHEM 1335/1135
___ 3 credits Core 040	ET required course: PHIL 1320
___ 3 credits Core 050	TXST options: ART 2313, DAN 2313, MU 2313, TH 2313
___ 6 credits Core 060	TXST options:[HIST 1310/2327/2381] and [HIST 1320/2328/2382]
___ 6 credits Core 070	TXST options: POSI 2310 & POSI 2320
___ 3 credits Core 080	ET required course: ECO 2301
___ 6 credits Core 090, 091, 092, 093, and 094	ET required courses: MATH 2472 + PHYS 2425

US 1100 may be required for some students. Consult with an advisor regarding course choices.