

Texas A & M University-Corpus Christi

Curriculum Sheet for 2020-2021 Catalog

Degree: **Bachelor of Science**
 Major: **Environmental Science**
 Concentration: **Policy and Regulations**

UNIVERSITY CORE CURRICULUM:

		<u>HOURS</u>	<u>PREREQUISITES</u>
_____	COMM 1311	Foundation of Communication	<u>3</u> or ENGL 1301
_____	ENGL 1302	Writing and Rhetoric	<u>3</u>
_____	See Catalog	Mathematics	<u>3</u>
_____	See Catalog	Life and Physical Science	<u>6</u>
_____	See Catalog	Language, Philosophy, and Culture	<u>3</u>
_____	See Catalog	Creative Arts	<u>3</u>
_____	HIST 1301	US History to 1865	<u>3</u>
_____	HIST 1302	US History since 1865	<u>3</u> or HIST 2301
_____	POLS 2305	US Government and Politics	<u>3</u>
_____	POLS 2306	State and Local Government	<u>3</u>
_____	See Catalog	Social and Behavioral Science	<u>3</u>
_____	See Catalog	Component Area	<u>6</u>

FOUNDATION COURSES - 32 hours

_____	ESCI 1401 (core)	Intro to Environmental Science FL,SP	<u>4</u>	
_____	BIOL 1406 (core)	Biology I FL,SP,SUM	<u>4</u>	MATH 2312 placement or above
_____	GEOL 1403 (core)	Physical Geology FL,SP,SUM	<u>4</u>	
_____	CHEM 1411	General Chemistry I FL,SP,SUM	<u>4</u>	MATH 1314 placement or above
_____	CHEM 1412	General Chemistry II FL,SP,SUM	<u>4</u>	CHEM 1411
_____	GISC 1470	Geospatial Systems I FL,SP	<u>4</u>	
_____	PHYS 1401 or	General Physics I or		MATH 1314;
_____	PHYS 2425	University Physics I FL,SP,SUM	<u>4</u>	MATH 2413
_____	MATH 1442 or 2413	Statistics for Life or Calculus I	<u>4</u>	See catalog

MAJOR REQUIREMENTS - 24 hours

_____	ESCI 3202	Professional Skills FL,SP	<u>2</u>	
_____	ESCI 3351	Oceanography FL,SP	<u>3</u>	CHEM 1412 or ESCI 1401 or GEOL 1403
_____	ESCI 3403	Intro to Meteorology FL,SP	<u>4</u>	
_____	ESCI 4335	Climate and Climate Variability SP	<u>3</u>	ESCI 3351 or 3403, (PHYS 1401 or 2425 recommended)
_____	ESCI 4498	Internship in Environmental Science	<u>2</u>	Senior Standing/additional credits can apply towards electives
_____	ESCI 4202	Issues in Environmental Science SP	<u>2</u>	ESCI 1401 and Junior/Senior Standing
_____	ESCI 3443 Environmental Biology FL,SP			BIOL 1407;
Choose two:	GEOL 3443 Environmental Geology SP		<u>8</u>	GEOL 1403;
	CHEM 4443 Environmental Chemistry FL			CHEM 1412 + 3411;

POLICY AND REGULATIONS CONCENTRATION - 31 hours

_____	ESCI 4301	Environmental Regulations FL,SP	<u>3</u>	POLS 2305 & 2306; online in SP
_____	ESCI 4320	Environmental Health FL	<u>3</u>	Only offered online

Designated Electives (25 hrs, must include at least 15 upper-level hours): Additional hours may be approved by Faculty Mentor.*

_____	BIOL 1407	Biology II FL,SP,SUM	<u>4</u>	BIOL 1406 BIOL 1407 + CHEM 1411 + MATH 2413 (may take concurrently)
_____	BIOL 3428	Principles of Ecology FL,SP	<u>4</u>	
_____	ESCI 4330	Oil Spill Prevention and Response	<u>3</u>	Minimesters: Spring Break, May, July
_____	ESCI 4370	Hazardous Waste Ops. & Em. Resp.	<u>3</u>	FL, Minimesters: January, June, August
_____	POLS 3313	The Legislative Process FL	<u>3</u>	
_____	POLS 3342	Introduction to Public Policy	<u>3</u>	
_____	MATH 3342	Applied Probability & Stats FL,SP, SUM	<u>3</u>	MATH 2413

*Please note this list is not all inclusive. You must speak to your Academic Advisor and/or Faculty Mentor to discuss electives.

PROGRAM REQUIREMENT:

Statistics requirement: MATH 1442 or MATH 3342

~Additional hours may be required to meet the minimum 120 hours for your degree~

UNIVERSITY REQUIREMENTS:

Minimum Total Hours for Degree:	120	College Minimum Major GPA:	2.25
Upper Division Minimum Total Hours:	45	Cumulative TAMUCC Minimum GPA:	2.00
Upper Division Minimum Residency Hours:	36	Foreign Language Requirement (see catalog)	
Upper Division Minimum Major Residency Hours:	12	First Year Seminar Requirement (UNIV 1101 & 1102)	2