

# Texas A & M University-Corpus Christi

## Curriculum Sheet for 2019-2020 Catalog

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

<b>UNIVERSITY CORE CURRICULUM:</b>		<b>HOURS</b>	<b>PREREQUISITES</b>
_____	COMM 1311	Foundation of Communication	3
_____	ENGL 1302	Writing and Rhetoric	3
_____	See Catalog	Mathematics	3
_____	See Catalog	Life and Physical Science	6
_____	See Catalog	Language, Philosophy, and Culture	3
_____	See Catalog	Creative Arts	3
_____	HIST 1301	US History to 1865	3
_____	HIST 1302	US History since 1865	3
_____	POLS 2305	US Government and Politics	3
_____	POLS 2306	State and Local Government	3
_____	See Catalog	Social and Behavioral Science	3
_____	See Catalog	Component Area	6
<b>FOUNDATION COURSES - 32 hours</b>			
_____	ESCI 1401 (core)	Intro to Environmental Science FL,SP	4
_____	BIOL 1406 (core)	Biology I FL,SP,SUM	4
_____	GEOL 1403 (core)	Physical Geology FL,SP,SUM	4
_____	CHEM 1411	General Chemistry I FL,SP,SUM	4
_____	CHEM 1412	General Chemistry II FL,SP,SUM	4
_____	GISC 1470	Geospatial Systems I FL,SP	4
_____	PHYS 1401 or	General Physics I or	4
_____	PHYS 2425	University Physics I FL,SP,SUM	4
_____	MATH 1442 or 2413	Statistics for Life or Calculus I	4
<b>MAJOR REQUIREMENTS - 24 hours</b>			
_____	ESCI 3202	Professional Skills FL,SP	2
_____	ESCI 3351	Oceanography FL,SP	3
_____	ESCI 3403	Intro to Meteorology FL,SP	4
_____	ESCI 4335	Climate and Climate Variability SP	3
_____	ESCI 4498	Internship in Environmental Science	2
_____	ESCI 4202	Issues in Environmental Science SP	2
_____	ESCI 3443 Environmental Biology FL,SP		8
Choose two:	GEOL 3443 Environmental Geology SP		8
	CHEM 4443 Environmental Chemistry FL		8
<b>POLICY AND REGULATIONS CONCENTRATION - 31 hours</b>			
_____	ESCI 4301	Environmental Regulations FL,SP	3
_____	ESCI 4320	Environmental Health FL	3
<b>Designated Electives (25 hrs. must include at least 15 upper-level hours): Additional hours may be approved by Faculty Mentor.*</b>			
_____	BIOL 1407	Biology II FL,SP,SUM	4
_____	BIOL 3428	Principles of Ecology FL,SP	4
_____	ESCI 4330	Oil Spill Prevention and Response	3
_____	ESCI 4370	Hazardous Waste Ops. & Em. Resp.	3
_____	ESCI 4490	Selected Topics	Varies
_____	ESCI 4496	Directed Independent Study	Varies
_____	ESCI 4498	Internship in Environmental Science	Varies
_____	POLS 3313	The Legislative Process FL	3
_____	POLS 3342	Introduction to Public Policy	3
_____	MATH 3342	Applied Probability & Stats FL,SP, SUM	3

\*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 (UCCP 1101 & 1102)	2