CATALOG YEAR 2022-2023

ACADEMIC MAP

ENVIRONMENTAL SCIENCE- POLICY AND REGULATIONS CONCENTRATION

Bachelor of Science

TEXAS A&M UNIVERSITY CORPUS CHRISTI

FINISH IN 4

START HERE

1

SEMESTER 1 - FALL	CREDITS	COMPLETED
ESCI 1401 ENVIRONMENTAL SCIENCE I: INTRO TO ENVIRONMENTAL SCIENCE	4	✓
GEOL 1403 PHYSICAL GEOLOGY	4	
ENGL 1301 WRITING AND RHETORIC I	3	
UNIV 1101 UNIVERSITY SEMINAR I	1	
HIST 1301 U.S. HISTORY TO 1865	3	

TOTAL CREDITS: 15

2

SEMESTER 2 - SPRING	CREDITS	COMPLETED
BIOL 1406 BIOLOGY I	4	
MATH 1442 STATISTICS FOR LIFE	4	
ENGL 1302 OR COMM 1311 WRITING AND RHETORIC II OR FOUNDATION OF COMMUNICATION	3	
UNIV 1102 UNIVERSITY SEMINAR II	1	
HIST 1302 U.S. HISTORY SINCE 1865	3	

TOTAL CREDITS: 15

YEAR 1

3

SEMESTER 3 - FALL	CREDITS	COMPLETED
BIOL 1407 BIOLOGY II	4	
CHEM 1411 GENERAL CHEMISTRY I	4	
POLS 2305 U.S. GOVERNMENT AND POLITICS	3	
CREATIVE ARTS CORE REQUIREMENT	3	

TOTAL CREDITS: 14

4

SEMESTER 4 - SPRING	CREDITS	COMPLETED
GISC 1470 GEOSPATIAL SYSTEMS I	4	
CHEM 1412 GENERAL CHEMISTRY II	4	
POLS 2306 STATE AND LOCAL GOVERNMENT	3	
LANGUAGE, PHILOSOPHY & CULTURE CORE REQUIREMENT	3	
DESIGNATED ELECTIVE	2	

TOTAL CREDITS: 16

YEAR 2

5

SEMESTER 5 - FALL	CREDITS	COMPLETED
ESCI 3202 PROFESSIONAL SKILLS	2	
ESCI 3443 ENVIRONMENTAL BIOLOGY	4	
ESCI 3403 INTRODUCTION TO METEOROLOGY	4	
UPPER LEVEL ELECTIVE	3	
SOCIAL AND BEHAVIORAL SCIENCES CORE REQUIREMENT	3	

TOTAL CREDITS: 16

6

SEMESTER 6 - SPRING	CREDITS	COMPLETED
GEOL 3443 ENVIRONMENTAL GEOLOGY	4	
ESCI 3351 OCEANOGRAPHY	3	
PHYS 1401 GENERAL PHYSICS I	4	
DESIGNATED ELECTIVE	3	
DESIGNATED ELECTIVE	1	

TOTAL CREDITS: 15

YEAR 3

7

SEMESTER 7 - FALL	CREDITS	COMPLETED
ESCI 4301 ENVIRONMENTAL REGULATIONS	3	
ESCI 4320 ENVIRONMENTAL HEALTH	3	
ELECTIVE (TO MEET 120 HRS)	3	
UPPER LEVEL DESIGNATED ELECTIVE	3	
UPPER LEVEL DESIGNATED ELECTIVE	3	

TOTAL CREDITS: 15

8

SEMESTER 8 - SPRING	CREDITS	COMPLETED
ESCI 4498 INTERNSHIP IN ENVIRONMENTAL SCIENCE	2	
ESCI 4335 CLIMATE AND CLIMATE VARIABILITY	3	
ESCI 4202 ISSUES IN ENVIRONMENTAL SCIENCE	2	
UPPER LEVEL DESIGNATED ELECTIVE	3	
UPPER LEVEL DESIGNATED ELECTIVE	3	
ELECTIVE (TO MEET 120 HRS)	1	

TOTAL CREDITS: 14

YEAR 4

This is not an official degree plan. It is a guideline for planning your courses. To access a copy of this academic map please visit tamucc.edu/academics/planning/academic-advising/

120 CREDITS | FINISHED!

CAREER MAP

ENVIRONMENTAL SCIENCE- POLICY AND REGULATIONS CONCENTRATION

Bachelor of Science

The mission of the Bachelor of Science program in Environmental Science is to educate students to succeed in their chosen careers, to transfer environmental knowledge to the community and to peers, and to provide an environmentally literate workforce and citizenry. The program is intended to provide the environmental science major with a broad foundation in the sciences and mathematics, as well as specialized knowledge in Marine and Coastal Resources, Earth System Science, Environmental Health and Monitoring, Policy and Regulations, and Science Education concentration areas. The environmental science curriculum prepares students for career positions in environmental science or science education, or for further professional development.
Students who wish to obtain a Bachelor of Science degree in Environmental Science may do so by following one of five concentrations: Earth Systems Science, Marine and Coastal Resources, Environmental Health and Monitoring, Policy and Regulations, and Science Education.

CONTACT INFORMATION

Career Counselor:
Career and Professional Development Center
UC 304 | 361.825.2628
career.center@tamucc.edu

Internship Coordinator:
Jennifer Smith-Engle
NRC 3503 | 361.825.2436
Jennifer.Smith-Engle@tamucc.edu

Department Contact:
Department of Physical and Environmental Sciences
NRC 3502 | 361.825.2436
jennifer.smith-engle@tamucc.edu

ADDITIONAL SOURCES OF INFORMATION

1. Ecological Society of America
2. National Association of Environmental Professionals
3. Society of Women Environmental Professionals
4. National Environmental Health Association
5. National Council for Science and the Environment

STUDENT ORGANIZATIONS

- Corpus Christi Student Subunit of the American Fisheries Society
- Islander Green Team
- Sea Turtle Club
- Strategies for Ecology Education, Diversity and Sustainability
- SACNAS Chapter at Texas A&M University - Corpus Christi
- Student Council of Math and Science Teachers

INTERNSHIP INFORMATION

The program requires a minimum of 2 hours of ESCI 4498 Internship in Environmental Science (1-4 sch) to satisfy the Major Requirements; however additional hours of credit may be applied towards the Designated Electives in a Concentration Area, with approval of the student's faculty mentor.

CAREER OPTIONS

• Environmental Specialist	• Wildlife Biologist
• Science Teacher	• Microbiologist
• Marine Biologist	• Geographer
• Environmental Chemist	• Ecologist
• Environmental Technician	

SKILLS/ATTRIBUTES

- Critical Thinking/Problem Solving
- Teamwork/Collaboration
- Professionalism/Work Ethic
- Oral/Written Communication
- Leadership
- Digital Technology
- Career Management
- Interpersonal Skills
- Self-Discipline

This content is subject to change. Please check our website to receive the most up to date information:
https://www.tamucc.edu/institutional-advancement/career-center/