Texas A & M University-Corpus Christi
Curriculum Sheet for 2017-2018 Catalog

Degree: Bachelor of Science
Major: Environmental Science
Concentration: Marine and Coastal Resources

<table>
<thead>
<tr>
<th>UNIVERSITY CORE CURRICULUM:</th>
<th>HOURS</th>
<th>PREREQUISITES</th>
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<td>ENGL 1302</td>
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<td>HIST 1301</td>
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<td>HIST 1302</td>
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<td>POLS 2305</td>
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<td>POLS 2306</td>
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<tr>
<td>MATH 1442 or 2413</td>
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NOTE: Taking Math/Science/Component Area core curriculum courses other than those required for the major will result in additional courses that may not be required to complete your degree. Please consult with your major Academic Advisor for more details.

FOUNDATION COURSES:

- **ESCI 1401 (core)** Intro to Environmental Science FL,SP 4
- **BIOL 1406 (core)** Biology I FL,SP,SP 4
- **CHEM 1411** General Chemistry I FL,SP,SUM 4
- **CHEM 1412** General Chemistry II FL,SP,SP 4
- **GISC 1470** Geospatial Systems I FL,SP 4
- **PHYS 1401 or 2425** University Physics I FL,SP,SP 4
- **ESCI 3443 Environmental Biology FL,SP**
- **CHEM 4443 Environmental Chemistry FL**

Choose two:
- **GEOL 3443 Environmental Geology SP**
- **ESCI 4490 Selected Topics**

MARINE AND COASTAL RESOURCES CONCENTRATION:

- **BIOL 1407** Biology II FL,SP,SP 4
- **BIOL 3428 Principles of Ecology FL,SP**
- **ESCI 4301 Environmental Regulations FL,SP**

Designated Electives (20 hrs, must include at least 14 upper-level hours): Additional hours may be approved by faculty mentor.

- **BIOL 2421** Microbiology FL,SP 4
- **BIOL 4405** Limnology FL 4
- **BIOL 4436** Marine Ecology SP 4
- **CHEM 3411** Organic Chemistry I FL,SP,SP 4
- **CHEM 4412** Organic Chemistry II FL,SP,SP 4
- **CHEM 4344** Chemical Oceanography SP 4
- **CHEM 4443** Environmental Chemistry FL 4
- **ESCI 4330** Oil Spill Prevention and Response 4
- **ESCI 4360** Physical Oceanography FL 4
- **ESCI 4490 Directed Independent Study**
- **ESCI 4496 Internship in Environmental Science**

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
- Upper Division Minimum Total Hours: 45
- Upper Division Minimum Residency Hours: 36
- First Year Seminar Requirement (UCCP 1101 & 1102) 2