

Coastal Resilience and Environmental Science | 2026-2027 Catalog

Name: _____

Catalog information: catalog.tamu.edu Degree Evaluation:

UIN: _____

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Key	Complete	Upcoming Term	Possible Adjustment	¹⁵ Semester Credit Hrs	³ Course Credit Hrs	Major GPA Pre-requisite	* Writing Intensive
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Year One	Fall	MATH 150 ⁴ Pre-Calculus or 148 or 152 C or better	CHEM 119 ⁴ Fundamentals of Chemistry I	MARS 102 ⁴ Earth & Ocean Science	ENGL 104 ³ Composition & Rhetoric	Hullabaloo U
	Spring	MATH 147 ⁴ Calc I for Bio Sci or MATH 151 C or better	CHEM 120 ⁴ Fundamentals of Chemistry II	MARB 101 ³ Succeeding in Science	BIOL 111 ⁴ Intro Biology I	

Both in first year; either order

Year Two	Fall	MARS 210 ³ Coastal Geography	*MARS 280 ³ Coastal & Ocean Economics	POLS 207 ³ State & Local Govt	BIOL 112 ⁴ , GEOL 106 ⁴ or GEOL 208 ⁴ Intro to Bio II, Historical Geology or Life on a Dynamic Planet	ECON 202 ³ Principles of Economics
	Spring	PHYS 201 ⁴ or PHYS 206 & 226 ⁴ Physics I	Professional ³ Major Elective	POLS 206 ³ US Nat'l Govt	Communication ³ Core Elective	ECON 203 ³ Principles of Economics

Year Three	Fall	STAT 302 ³ , STAT 303 ³ , or MARB 303 ⁴ Statistical Methods, Statistical Methods or Biostatistics	MARS 358 ³ Coastal Disasters	MARS 325 ³ Intro to GIS for Marine Science	MARS 420 ³ Biological Oceanography	Professional ³ Major Elective	Additional Req's:
	Spring	History ³ Core Elective	MARS 425 ³ Coastal Ecosystems Management	MARS 303 ³ Python for Marine and Coastal Sciences	*MARS 430 ⁴ Marine Geology	Creative Arts ³ Core Elective	

Writing Intensive I

Writing Intensive II

Year Four	Fall	MARS 481 ¹ Seminar	MARS 491 ² Research in Marine Sciences	MARS 460 ¹ Capstone Undergraduate Research Experience I	Professional ³ Major Elective	MARS 442 ³ Coastal Social Ecological Resilience	MARS 458 ³ Fisheries - Economics, Policy, and Management	Inter- national & Cultural Diversity
	Spring	MARS 491 ² Research in Marine Sciences	MARS 461 ¹ Capstone Undergraduate Research Experience II	Language, Philosophy, Culture ³ Core Elective	History ³ Core Elective	General Elective ³	Cultural Discourse	

Revised on
2-5-26

Notes:

Major	Texas A&M University at Galveston Course Options					
Major Coursework ²⁶	MARB 101 MARS 358 MARS 460	MARS 102 MARS 420 MARS 461	*MARS 280 MARS 425 MARS 481	MARS 281 MARS 430 MARS 491	MARS 303 MARS 442	MARS 325 MARS 458
Supporting Coursework ¹²	ECON 202	ECON 203	MARA 363	STAT 303 or MARB 303		
Professional Electives ²¹ <i>Select 21 hours</i>	ATMO 363 CHEM 258 MARA 470 OCEN 201	CHEM 227 CHEM 316 MARB 300-499 OCEN 265	CHEM 237 CHEM 318 MARS 300-499 OCEN 300	CHEM 228 FSCI 360 MATH 251 OCEN 311	CHEM 238 GEOG 331 MATH 308 STAT 303	CHEM 257 GEOG 370 POLS 347

Core	Texas A&M University at Galveston Course Options					
Communication ⁶	Required: Select 1 from:	†ENGL 104 COMM 203	COMM 205	†ENGL 203	ENGL 210	
Mathematics ⁸ <i>2 courses required</i>	MATH 147 or 151		MATH 150, 148, or 152			
Life & Physical Sciences ²⁰ <i>All courses required</i>	PHYS 201 or 206/226 CHEM 120		BIOL 111	BIOL 112 or GEOL 106		CHEM 119
Language, Philosophy, Culture ³ <i>Select 1 course</i>	†ANTH 210 HIST 240	ANTH 316 HIST 242	*ENGL 204 MAST 270	ENGL 334 †PHIL 111	ENGL 335 PHIL 251	*ENGL 374
Creative Arts ³ <i>Select 1 course</i>	*ARTS 150 *THEA 281	ENGL 212	*ENGL 251	HISP 204	*MUSC 226	†PERF 301
Social & Behavioral Science ³	*MARS 210					
American History ⁶ <i>Select 2 courses</i>	HIST 105	HIST 106	HIST 226	HIST 232		
Political Science ⁶	POLS 206	POLS 207				

University	Texas A&M University at Galveston Course Options					
Writing Intensive ⁶	MARS 280	MARS 430				
International and Cultural Diversity ³ <i>Select 1 course</i>	<i>Note that any * marked major or core course will concurrently fulfill both requirements</i>					
	*ARTS 150 *KINE 281 POLS 231	ECON 452 MARA 440 *SOCI 205	*ENGL 204 *MARS 210 *THEA 281	*ENGL 251 MAST 411	*ENGL 374 *MUSC 226	*GEOG 201 *PBSI 107
Cultural Discourse ³ <i>Select 1 course</i>	<i>Note that any † marked major or core course will concurrently fulfill both requirements</i>					
	†ANTH 210 MAST 226	†ENGL 104 †PERF 301	FSCI 334 †PHIL 111	†HIST 240	MARA 373	MARB 445
General Electives	Free electives as needed to reach 120 cumulative hours					

- Courses in this section can concurrently fulfill a Core or Major Requirement;
- Two semesters of a single foreign language is required for students who did not complete the foreign language req in high school.