

CESS BS & MARM MMR 5-Year Program | 2025-2026 Catalog

Name: _____

Catalog information: catalog.tamu.edu

UIN: _____

Degree Evaluation: <https://howdy.tamu.edu/uPortal/f/my-record/>

Key		Complete	Upcoming Term	Possible Adjustment	¹⁵ Semester Credit Hrs	³ Course Credit Hrs	Major GPA	 Pre-requisite	* Writing Intensive		
Year One	Fall	MATH 150 ⁴ Pre-Calculus or 148 or 152		CHEM 119 ⁴ Fundamentals of Chemistry I		MARS 102 ⁴ Earth & Ocean Science		ENGL 104 ³ Composition & Rhetoric	Hullabaloo U Marine Sciences		
	Spring	MATH 147 ⁴ Calc I for Bio Sci or MATH 151		CHEM 120 ⁴ Fundamentals of Chemistry II		MARB 101 ³ Succeeding in Science		BIOL 111 ⁴ Intro Biology I			
Year Two	Fall	POLS 207 ³ State & Local Govt		ECON 202 ³ Principles of Economics		MARS 210 ³ Marine Geography		*MARS 280 ³ Coastal & Ocean Resources	BIOL 112 ⁴ or GEOL 106 ⁴ Intro to Bio II or Historical Geol		
	Spring	PHYS 201 ⁴ or PHYS 206 & 226 ⁴ Physics I		POLS 206 ³ US Nat'l Govt		MARS 303 ³ Computing & Data Display		Communication ³ Core Elective	MARS 281 ¹ Sophomore Seminar		
Year Three	Fall	STAT 303 ³ or MARB 303 ⁴ Statistical Methods or Biostatistics		History ³ Core Elective		MARA 363 ³ Management Process		MARS 420 ³ Biological Oceanography	MARS 481 ¹ Seminar	Professional ³ Major Elective	
	Spring	History ³ Core Elective		Lang, Phil, Culture ³ Core Elective		MARS 491 ¹ Research in Marine Sciences		*MARS 430 ⁴ Marine Geology	Professional ³ Major Elective	Professional ³ Major Elective	
Apply for 3+2 at 90 hours											
Year Four	Fall	Creative Arts ³ Core Elective		Professional ³ Major Elective		Professional ³ Major Elective		MARS 625 ³ GIS in Coastal Resources		Foreign Language	
	Spring	Professional ³ Major Elective		Professional ³ Major Elective		MARA 604 ³ Marine Natural Resource Econ		MARS 603 ³ Quant Methods for Resource Mgmt		MARS 675 ³ Enviro Mgmt Strategies	MARS 681 ¹ Seminar
Year Five	Fall	MARS 635 ³ Enviro Impact Statements & Nat Res Damage Assessment		PLAN 641 ³ Problems of Enviro Planning Admin		MARS 660 ³ Enviro Conflict Resolution		MARM Elective ³		Writing Intensive II	Inter-national & Cultural Diversity
	Spring	MARS 680 ² Integrative Analysis in Marine Resources		MARM Elective ³		MARM Elective ³		MARM Elective ³		Cultural Discourse	Revised on 6-3-25

Additional Req's:

Foreign Language

Writing Intensive I

Writing Intensive II

Inter-national & Cultural Diversity

Cultural Discourse

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Major	Texas A&M University at Galveston Course Options					
CESS Major & Supporting Coursework ³²	MARB 101 MARS 430	MARS 102 MARS 481	*MARS 280 MARS 491	MARS 281 ECON 202	MARS 303 MARA 363	MARS 420 STAT/MARB 303
UG Prof 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
MARM Major Coursework ³²	MARA 604 MARS 680	MARS 603 MARS 681	MARS 625 PLAN 641	MARS 635	MARS 660	MARS 675
GR MARM Electives ¹² <i>Select 12 hours</i>	Please see a graduate advisor for course options					
• Courses double counted toward UG and GR programs: MARS 635 and MARS 660 • GR Courses providing Credit by Exam for additional UG credits: MARS 625 (for MARS 325) and MARS 604 (for ECON 203)						

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 ENGL 335 MAST 270	ANTH 316 *ENGL 338 †PHIL 111	*ENGL 204 *ENGL 374 PHIL 251	*ENGL 253 *GEOG 202	ENGL 330 *GEOG 301	ENGL 334 HIST 242
Creative Arts ³ <i>Select 1 course</i>	*ARTS 150 †PERF 301	ENGL 212 *THEA 200	*ENGL 251 *THEA 281	HISP 204	KINE 210	*MUSC 226
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 Select 1 course	<i>Note that any * marked major or core course will concurrently fulfill both requirements</i> *ARTS 150 *ENGL 204 *ENGL 251 *ENGL 338 *ENGL 374 *GEOG 201 *GEOG 202 *GEOG 301 *KINE 282 MARA 440 MARB 407 MARE 400 *MARS 210 MARS 280 MART 400 MAST 411 *MUSC 226 *PBSI 107 *SOCI 205 *SPMT 336 *SPMT 337 *THEA 200 *THEA 281					
Cultural Discourse ³ Select 1 course	<i>Note that any † marked major or core course will concurrently fulfill both requirements</i> †ANTH 210 †ENGL 104 FSCI 334 MARA 373 MARB 445 MAST 226 †PERF 301 †PHIL 111					
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