

CESS BS & MARM MMR 5-Year Program | 2024-2025 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
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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
	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	

Both in first year; either order

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 Biostats	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	
	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

Additional Req's:

Foreign Language

Writing Intensive I

Writing Intensive II

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
	Spring	MARS 680 ² Integrative Analysis in Marine Resources	MARM Elective ³	MARM Elective ³	MARM Elective ³

International & Cultural Diversity

Cultural Discourse

Revised on 5-29-24

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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 HIST 242	ANTH 316 *ENGL 338 MAST 270	*ENGL 204 *ENGL 374 †PHIL 111	*ENGL 253 *GEOG 202 PHIL 251	ENGL 330 *GEOG 301	ENGL 334
Creative Arts ³ <i>Select 1 course</i>	ARTS 150 †PERF 301	ENGL 212	*ENGL 251	HISP 204	*PERF 226	*PERF 281
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 *ENGL 374 MARA 440 MART 400 *SOCI 205	*COMM 365 *GEOG 201 MARE 400 MAST 411 *SPMT 336	*ENGL 204 *GEOG 202 MARR 400 *PERF 226 *SPMT 337	*ENGL 251 *GEOG 301 *MARS 210 *PERF 281	ENGL 253 HIST 405 MARS 280 NAUT 400	*ENGL 338 *KINE 282 MARS 432 *PBSI 107
	<i>Pending final approval</i>					
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 MAST 340	†ENGL 203 †PERF 301	FSCI 334 †PHIL 111	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