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Every Fall & Spring:

ZOPT 100₀
CORPS

ZOPT 300₀
deck option

Key	Complete	Upcoming Term	Possible Adjustment	Semester Credit Hrs ¹⁵	Course Credit Hrs ³	Major GPA	License Courses	Pre-requisite or Concurrent	Writing Intensive *
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Year One

Term	Fall	Fall	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Summer		
Courses	MARS 102 ⁴ Earth & Ocean Science	MATH 150 ⁴ Pre-Calculus or 148 or 152 C or better	MART 204 ³ Terrestrial Navigation I C or better	MART 201 ³ Vessel Structure & Ship Knowledge C or better	ENGL 104 ³ Composition & Rhetoric	MARB 101 ³ Succeeding in Science	MATH 147 ⁴ Calc I for Bio Sci or MATH 151	MART 103 ³ Basic Safety & Lifeboatman C or better	MART 130 ¹ Introduction to Maritime Law C or better	Communication ³ Core Elective	MART 115 ³ Seamanship I C or better	MART 200 ⁴ Deck Sea Training I C or better
Notes	Both in 1st year; either order											Pre-reqs: MART 103, MART 115, MART 130, MART 201, MART 204 Pre-req for: MART 202, MART 210, MART 215, MART 300, MART 303, MART 307, MART 310, MART 313, MART 321

Year Two

Term	Fall	Fall	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Summer	
Courses	CHEM 119 ⁴ Fundamentals of Chemistry I	MART 225 ³ Terrestrial Navigation II C or better	MART 202 ² Ship Stability & Trim C or better	*MART 215 ³ Seamanship II C or better	MART 212 ² Marine Dry Cargo Ops C or better	CHEM 120 ⁴ Fundamentals of Chemistry II	MART 210 ⁴ Integrated Nav I C or better	MART 303 ³ Celestial Navigation C or better	MARS 210 ³ Marine Geography	MART 313 ³ Marine Liquid Cargo Ops C or better	MART 300 ⁴ or MART 350 ⁴ Deck Sea Training II C or better
Notes											Pre-reqs: MART 200, MART 202, MART 210, MART 212, MART 215, MART 225, MART 303, MART 321 Pre-req for: MART 315, MART 400, MART 401, MART 403, MART 404, MART 410, MART 498

Year Three

Term	Fall	Fall	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Summer	Additional Req's:	
Courses	History ³ Core Elective	PHYS 201 ⁴ or 206/226 ⁴ College Physics I	MART 208 ³ Maritime Meteorology C or better	MART 310 ² Integrated Nav II C or better	MART 321 ² Nav Rules, Int'l & Inland C or better	*MARS 430 ⁴ Marine Geology	PHYS 202 ⁴ or 207/227 ⁴ College Physics II	MART 307 ³ Global Maritime Distress Safety 75% or better	MART 315 ² Integrated Nav II C or better	History ³ Core Elective	MART 400 ⁴ Deck Sea Training III C or better	Foreign Language
Notes											Co-reqs: MART 300, MART 350, or NAUT 300; MART 307, MART 310, MART 313	Writing Intensive I

Year Four

Term	Fall	Fall	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Spring	Spring		
Courses	MARS 325 ³ Intro to GIS for Marine Sciences	MARS 410 ³ Physical Oceanography	*MARS 481 ¹ Seminar	MART 498 ² Maritime Med Care C or better	Lang, Phil, Culture ³ Core Elective	MART 401 ³ Maritime Security C or better	POLS 206 ³ US Nat'l Govt	MARS 420 ³ Biological Oceanography	MARS 440 ³ or 340 ³ Chemical Oceanography or Global Biogeochemical Cycles	*MARS 491 ¹ Research in Marine Sciences	MART 404 ² The Navigator C or better	*MART 410 ² Integrated Nav III C or better	POLS 207 ³ State & Local Govt	Creative Arts ³ Core Elective
Notes														International & Cultural Diversity

Marine Science - License Option | 2026-2027 Catalog

Notes:

Major	Texas A&M University at Galveston Course Options					
Major Coursework	MARB 101 MARS 410	MARS 102 MARS 430	MARS 281 MARS 430 OR 440	MARS 303	MARS 310 MARS 481	MARS 325 MARS 491
License Courses	^MART 103 ^MART 204 ^MART 300 or 350 ^MART 321	^MART 115 ^MART 208 ^MART 400	^MART 130 ^MART 210 ^MART 303 ^MART 410	^MART 200 ^MART 212 ^MART 307 ^MART 498	^MART 201 ^MART 215 ^MART 310 ^NVSC 200	^MART 202 ^MART 225 ^MART 313
^ Requires C or better						

Core	Texas A&M University at Galveston Course Options					
Communication ⁶ <i>Both courses required</i>	Required: Select 1 from:	†ENGL 104 COMM 203	COMM 205	†ENGL 203	ENGL 210	
Mathematics ⁸	MATH 147 or 151	MATH 148, 150, or 152				
Life & Physical Sciences ¹⁶ <i>All courses required</i>	CHEM 119	CHEM 120	PHYS 206 & 226	PHYS 207 & 227		
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	*ENGL374
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 <i>Select 2 courses</i>	MART 215	MART 410	MARS 281 or 430	MARS 481		
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 282 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.