

Catalog information: catalog.tamu.edu

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MATH 150 Start

Key

Complete

Upcoming Term

Possible Adjustment

¹⁵
Semester Credit Hrs

³
Course Credit Hrs

Major GPA

.....
Pre-requisite

*
Writing Intensive

Year One

Fall

17

MARE 100³
Marine Engineering Fundamentals

MATH 150⁴
Functions, Trig and Linear Systems
C or better

MARE 111²
Methods in Engineering Technology

MARE 242²
Manufacturing Methods I

ENGL 104³
Composition & Rhetoric

Creative Arts³
Core Elective

Hullabaloo U

Spring

16

MATH 151⁴
Engineering Math I
C or better

CHEM 107³ + **117**¹
Gen Chem for Engineering

MARE 112²
Graphics for Engineering Tech

History³
Core Elective

Communication³
Core Elective

Year Two

Fall

15

MARE 202³
Marine Thermodynamics
C or better

MATH 152⁴
Engineering Math II
C or better

PHYS 206³ + **226**¹
Engineering Physics
C or better

History³
Core Elective

MARE 243¹
Manufacturing Methods II

Spring

16

MARE 261³
Engineering Analysis

PHYS 207³ + **227**¹
Engineering Physics II
C or better

MARE 211³
Steam Propulsion Plants

Social & Behavioral Science³
Core Elective

POLS 206³
US Nat'l Govt

Year Three

Fall

16

MARE 313³
Heat Transfer

MARE 305⁴
Fluid Mechanics Theory

MARE 207³
Electrical Power I
C or better

MARE 205³
Engineering Mechanics I
C or better

Language, Phil, Culture³
Core Elective

Spring

15

Technical Elective³

MARE 306³
Electrical Power II

MARE 209³
Mechanics of Materials
C or better

MARE 206³
Engineering Mechanics II
C or better

POLS 207³
State & Local Govt

Additional Req's:

Foreign Language

Writing Intensive I

Writing Intensive II

Year Four

Fall

14

***MARE 405**³
Fundamentals of Naval Architecture

MARE 307³
Marine Electronics

MARE 451²
Sr Design Project I

Major Elective³

MARE 309³
Marine Construction Materials

International & Cultural Diversity

Spring

15

MARE 312³
Diesel Propulsion Plants

MARE 402³
Shipboard Automation & Control

***MARE 452**²
Sr Design Project II

Major Elective³

MARE 441³
Engineering Econ & Project Mgmt

Cultural Discourse

** Technical electives may be any course with the following prefixes: CVEN, MARE, MARS, MART, OCEN, MATH, PHYS, or OCNM in consultation with advisor. At least one elective must be at the 300 or 400 level.

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Notes:

Major	TAMUG Course Options					
Major Coursework	MARE 100 ^MARE 207 MARE 305 MARE 402	MARE 111 ^MARE 209 MARE 306 MARE 405	MARE 112 MARE 211 MARE 307 MARE 441	^MARE 202 MARE 242 MARE 309 MARE 451	^MARE 205 MARE 243 MARE 312 MARE 452	^MARE 206 MARE 261 MARE 313
Major Electives ⁶ Select 6 hours	MARE 300 - 499 (Excluding MARE 402 & 405)					
Technical Electives ⁶ Select 6 hours	Consult advisor: MATH 100-499	CVEN 100-499 PHYS 100-499	MARE 100-499 OCNG 300-499	MARS 100-499 At least one course must be at the 300-499 level.	MART 300-499	OCEN 100-499
^ Requires C or better * Concurrently completes ICD requirement † Concurrently completes CD requirement						

Core	Texas A&M University at Galveston Course Options					
Communication ⁶ Select 2 courses	Required: Select 1 from:	†ENGL 104 COMM 203	COMM 205	ENGL 203	ENGL 210	
Mathematics ⁸ Both courses required	^MATH 151	^MATH 152				
Life & Physical Sciences ¹² All courses required	CHEM 107	CHEM 117	^PHYS 206	^PHYS 226	^PHYS 207	^PHYS 227
Language, Philosophy, Culture ³ Select 1 course	†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 Select 1 course	*ARTS 150 †PERF 301	ENGL 212 *THEA 200	*ENGL 251 *THEA 281	HISP 204	KINE 210	*MUSC 226
Social & Behavioral Science ³ Select 1 course	ANTH 202 *MARS 210	*COMM 365 *PBSI 107	ECON 202 *SOCI 205	ECON 203 SOCI 312	*GEOG 201 *SPMT 336	*KINE 282 *SPMT 337
American History ⁶ Select 2 courses	HIST 105	HIST 106	HIST 226	HIST 232		
Political Science ⁶ Both courses required	POLS 206	POLS 207				

University	Texas A&M University at Galveston Course Options					
Writing Intensive ⁶	MARE 405	MARE 452				
International and Cultural Diversity ³ Select 1 course	Note that any * marked major or core course will concurrently fulfill both requirements					
	*ARTS 150 *GEOG 202 *MARS 210 *SOCI 205	*ENGL 204 *GEOG 301 MARS 280 *SPMT 336	*ENGL 251 *KINE 282 MART 400 *SPMT 337	*ENGL 338 MARA 440 MAST 411 *THEA 200	*ENGL 374 MARB 407 *MUSC 226 *THEA 281	*GEOG 201 MARE 400 *PBSI 107
Cultural Discourse ³ Select 1 course	Note that any † marked major or core course will concurrently fulfill both requirements					
	†ANTH 210 †PERF 301	†ENGL 104 †PHIL 111	FSCI 334	MARA 373	MARB 445	MAST 226
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