

Curriculum Changes

Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: Undergraduate Graduate First Professional (ex. DVM, JD, MD, etc.)
2. Request change for: Degree Program Minor Certificate
3. Request submitted by (Department or Program Name): Maritime Administration (TAMUO)
4. Program Designation and Name (e.g., B.A. in History, Minor in History, Certificate in European Union): MS in Maritime Administration and Logistics (3+2 program)
5. Brief description of changes:
 add MARA 493 as a directed elective at the undergraduate level of this program , AND
 add MARA 491 as a directed elective at the undergraduate level of this program

6. Rationale for change:
 MARA 493 has been approved as a permanent course AND
 MARA 491 has been approved as a permanent course

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached. Yes No
- b. Current catalog curriculum with handwritten edits attached. Yes No
- c. Current Howdy degree evaluation with handwritten edits attached. Yes No
- Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.*
8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? Yes No
- b. If yes, degree program hours will change from: _____ to: _____
- c. If yes, is the Texas Higher Education Coordinating Board form attached? Yes No
<http://www.thehb.state.tx.us/index.cfm?cbiactid=A0F9F7FA-9A92-4F11-2756AD3BBF01D60>
9. If proposed changes affect other unit(s), are letters of support attached? Yes No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) <i>JOAN P. MILES</i>	Date	Dean of College <i>[Signature]</i>	Date
Chair, College Review Committee	Date	Chair, GC or UCC <i>[Signature]</i>	Date

07/21/15
8-11-15

5-Year Curriculum: Maritime Administration (MARA) and Master of Maritime Administration and Logistics (MMAL)

This program allows Maritime Administration (MARA) majors to enter the graduate program for a Master of Maritime Administration and Logistics the beginning of their senior year, enabling students to receive their MARA undergraduate degree (B.S.) and a Master of Maritime Administration and Logistics (MMAL) graduate degree in five years.

Students admitted to the 5-year degree program will have completed 92 of the 120 hours of course work required to receive a bachelor's degree. These courses must include the specific prerequisites for a Bachelor of Science degree in Maritime Administration, as well as the required Texas A&M University core curriculum courses.

Maritime Administration majors who have at least a 3.25 GPA and who have taken all of their prerequisite courses and otherwise completed 92 hours by the fall of their fourth year will be eligible to apply for the 5-year program during their junior year. Applicants to the 5-year program will submit the same materials (including GMAT scores) as other MMAL applicants, and those whose records are judged to be competitive by the mid-January deadline will be admitted. Admission criteria will be the same as for other MMAL students.

Students who choose not to finish the MMAL degree after being admitted to the 5-year program may exit the program at any time. Completed MMAL courses will be applied to their bachelor's degree in Maritime Administration, as appropriate. Failure to complete the MMAL program will in no way impede their ability to attain a bachelor's degree in Maritime Administration when the requirements for that degree are completed. Those who pursue the joint program will receive both degrees upon completion of the entire 5-year program. Students will not graduate with a bachelor's degree in year four, but rather will earn both their Bachelor of Science and Master of Maritime Administration and Logistics at the end of year five.

Admitted students will be enrolled in Maritime Administration and Logistics graduate courses with an undergraduate classification (U4) during the fall of their fourth year and will be re-classified as degree seeking master's students (G7) upon completing 107 credit hours. This will normally occur at the beginning of the spring semester of year four. Students will take 12 fewer undergraduate credit hours. Graduate courses taken in the fifth year program will be counted double, as credit towards their MMAL degree and as substitutes for MARA and free electives required for the bachelor's degree.

Students will be required to complete 36 graduate hours. The graduate hours will include 7 core courses (21 credits) in economics, management, operations and logistics with 15 credit hours of electives. The electives will be chosen according to the interest of the student in either the Maritime Policy and Law track or the Shipping and Port Management track. Students will also take 21 hours of undergraduate level MARA electives that must include MARA 416 in order to satisfy the TAMU intensive writing requirement.

FRESHMAN YEAR

Fall Semester		(Th-Pr)	Cr
MARA 205	Introduction to Ships and Shipping †	(3-2)	4
MATH 141	Business Math I	(3-0)	3
POLS 206	American National Government	(3-0)	3
	Elective in American History		3
	Total		13

Spring Semester

MARA 250	Management Information Systems †	(2-0)	2
MATH 142	Business Math II	(3-0)	3
	Elective in Communication		3
	Elective in American History		3
	Elective in Life and Physical Sciences §		5
	Total		16

SOPHOMORE YEAR

Fall Semester			
ACCT 229	Introduction to Accounting †	(3-0)	3
ECON 202	Principles of Economics †	(3-0)	3
MARA 301	Ocean Transportation I †	(3-0)	3
	Elective in Communication		3
	Elective in Life and Physical Sciences §		4
	Total		16

Spring Semester

ACCT 230	Introduction to Accounting †	(3-0)	3
ECON 203	Principles of Economics †	(3-0)	3
MARA 212	Business Law †	(3-0)	3
MARA 281	Seminar in Undergraduate Research Methods †	(1-0)	1
MARA 304	Ocean Transportation II †	(3-0)	3
POLS 207	State and Local Government	(3-0)	3
Total			16

JUNIOR YEAR**Fall Semester**

MARA 373	Personnel Management †	(3-0)	3
MARA 421	Admiralty Law †	(3-0)	3
SCMT 303	Statistical Methods †	(3-0)	3
Elective in MARA †∇	. . . . .		3
Elective in MARA †∇	. . . . .		3
Total			15

Spring Semester

MARA 440	Global Economy and Enterprise Management †**	(3-0)	3
MGMT 481	Seminar in Management †	(1-0)	1
Elective in Creative Arts	. . . . .		3
Elective in Language, Philosophy and Culture			3
Elective in MARA †∇	. . . . .		3
Elective in MARA †∇	. . . . .		3
Total			16

Total Hours to be completed prior to admission to the graduate courses 92

SENIOR YEAR/FIRST YEAR OF FIVE-YEAR PROGRAM**Fall Semester**

MARA 636	Managerial Decision Making	(3-0)	3
MARA 641	Financial Management in Marine Transportation	(3-0)	3
MARA 627	Marketing of Transportation Services	(3-0)	3
Elective in MARA †∇	Undergraduate MARA Elective		3
Elective in MARA †∇	Undergraduate MARA Elective		3
Total			15

Spring Semester

MARA 623	Economics Issues in Shipping	(3-0)	3
MARA 664	Production, Operations and Logistics Management	(3-0)	3
MARA 610	International Strategic Planning and Implementation	(3-0)	3
Elective in MARA †∇	Undergraduate MARA Elective		3
Total			12

SECOND YEAR OF FIVE-YEAR PROGRAM**Fall Semester**

MARA 624	Intermodal Transportation Operations	(3-0)	3
MMAL Elective *	Graduate MMAL Elective		3
MMAL Elective *	Graduate MMAL Elective		3
Elective (General)	. . . . .		4
Total			13

Spring Semester

MMAL Elective *	Graduate MMAL Elective		3
MMAL Elective *	Graduate MMAL Elective		3
MMAL Elective *	Graduate MMAL Elective		3
Elective (General)	. . . . .		3
Total			12

Total Hours 144

Notes for the MARA/MMAL 3+2 Program

Note: All electives must be chosen in consultation with, and approved by, the student's academic advisor. Unless courses are specifically listed, see University Core Curriculum at <http://core.tamtu.edu/> for a listing of course options for Communication; Mathematics; Life and Physical Sciences; Language, Philosophy and Culture; Creative Arts; American History; Government and Political Sciences; and Social and Behavioral Sciences. The 6-hour University Core Curriculum requirement for International and Cultural Diversity may be met with courses used to satisfy other degree requirements.

†- Indicates required courses in the Maritime Administration major. These courses will be used to compute the major GPR. At the time of graduation, a MARA major must have a GPR of ≥ 2.25 in their major. A MARA major must achieve a grade of "C" or better in BCN 202, ECON 203, ACCT 229, ACCT 230 and SCMT 303 as a graduation requirement. These courses may be repeated as necessary to meet this requirement, and the requirement applies to courses taken at TAMUG or offered for transfer from other institutions.

§- Students may satisfy the 9-credit hours of Life and Physical Science requirement through any combination of one, three or four credit hour courses.

▣- The total hours may be increased if the student is required to take remedial math, remedial English, foreign language or International and Cultural Diversity courses.

∇ - MARA Electives: Students are required to complete 21 credit hours of MARA electives that must include MARA 416 to satisfy the intensive writing requirement. Students should choose 6 from the following courses:

ACCT 315, ACCT 316, ECON 311, ECON 323, ECON 452, SCMT 336, MARA 342, MARA 401, MARA 402,

MARA 416, MARA 424, MARA 435, MARA 450, MARA 460, MARA 470, MARA 484, MARA 485 or MARA 489, MARA 491, MARA 493


* - Choose 15 credit hours from the following graduate level MMAL elective courses: MARA 604, MARA 616, MARA 640, MARA 650, MARA 652, MARA 658, MARA 660, MARA 670, MARA 672; or MARS 620, MARS 640, MARS 660, MARS 676.

Detail Requirements

Peggy Rutkowski
Jun 12, 2015 04:02 pm

Viewing: Degree Evaluation (DEGEVAL, , Email)
Change Student
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Information for Degree Evaluation

 This is NOT an official evaluation.

Program Evaluation

Master of Maritime Administration and Logistics - Thesis Option (Five Year Program)

Time Limits: All requirements for the degree must be completed within seven consecutive years.

Degree Plan: A Graduate Degree Plan of at least 36 hrs must be completed with a minimum GPR of 3.000 and no grade lower than C. At least one hour of 691 (Research) must be included.

Course Limitations: Courses exceeding limits below will not be considered for meeting degree requirements.

1. Only approved courses on the degree plan will be considered for this program.
2. No more than 12 hrs or one-third of the total hours on the degree plan, whichever is greater, may be used. Transfer course work must be completed at an accredited institution with a grade of B or better.
3. No more than 12 hrs taken in a non-degree seeking (G6) classification may be used.
4. No more than 12 hrs may be used in any combination of the following categories:
 - a. Not more than 8 hrs of 691 (Research) may be used.
 - b. Not more than 8 hrs of 685 (Directed Studies) may be used.
 - c. Not more than 3 hrs of 690 (Theory of Research) may be used.
 - d. Not more than 3 hrs of 695 (Frontiers in Research) may be used.
5. No more than 2 hrs of 681 (Seminar) may be used.
6. No more than 9 hrs of advanced undergraduate courses (300-499) may be used.
7. No correspondence study may be used.
8. No credit hours of extension course work may be used.
9. No credit hours of FREN 601 or GERM 603 may be used.

Advisory Committee: The Advisory Committee consists of at least three members of the Graduate Faculty, one of which must be from outside the student's major department.

Residence Requirements: During one semester or 2 consecutive 5-week summer terms, 9 hrs of resident credit must be completed.

Research Proposal: A thesis proposal approved by the Advisory Committee, Department Head and the Office of Graduate Studies is required.

Thesis Defense: The thesis defense may be written and/or oral. The defense may be waived for students with a 3.500 degree plan GPR and permission of the Advisory Committee, Department Head and the Office of Graduate Studies. The request to hold and announce the defense must be submitted to the Office of Graduate Studies a minimum of 10 working days in advance of the scheduled date.

To be eligible to hold the defense, the student:

1. must have a graduate GPR of at least 3.000 (listed as "Program GPA" below),
2. must have a Degree Plan GPR of at least 3.000 with no grade lower than a C in any course on the degree plan,
3. must have an approved research proposal,
4. must have completed or be registered for all remaining degree plan course work,
5. must be registered in the university,
6. must have the thesis in final form and ready for distribution to all committee members,

Thesis: The final version of the thesis must be cleared by the Office of Graduate Studies no later than one year after the defense or within the seven year time limit, whichever is first.

Program :	MML [Galv] 5yr program	Catalog Term :	Fall 2014 - Galveston
Campus :	Galveston	Evaluation Term :	Summer 2015 - Galveston
College :	Galveston Campus	Expected Graduation Date :	
Degree :	Master of Maritime Admin & Log	Request Number :	444
Level :	Graduate	Results as of :	Jun 12, 2015
Majors :	Maritime Admin & Logistics	Minors :	
Departments :	Maritime Administration	Concentrations :	

	Met	Credits	Courses	
	Required	Used	Required	Used
Total Required :	Yes		0.000	0
Program GPA :	No	3.00	.00	
Overall GPA :	Yes	.00	.00	
Other Course Information				
Transfer :			0.000	0

This is NOT an official evaluation.

Area : Courses for Degree Plan GPR - Not Met

Description : A minimum degree plan GPR of 3.000 is required. Courses with grades of D, F or U are not acceptable for degree plan credit and must be repeated for a grade of C or better or Satisfactory (S).

Met	Condition Rule	Subject Attribute	Low	High	Required Credits	Required Courses	Required Term	Subject Course Title Attribute	Credits	Grade	Source
No	A.	No Approved Degree Plan									
Total Credits and <u>GPA</u>										0.000	.00

unofficial evaluation

Area : Courses Not Applied - Met

Description See Graduate Committee Chair or Graduate Advisor for acceptable changes to degree plan coursework.

Met	Condition Rule	Subject Attribute	Low	High	Required Credits	Required Courses	Required Term	Subject Course Title Attribute	Credits	Grade	Source
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No A. Additional Unused Courses

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Graded Degree Plan Courses - Not Met

Description A grade of C or better is required in all courses listed.

Met	Condition Rule	Subject Attribute	Low	High	Required Credits	Required Courses	Required Term	Subject Course Title Attribute	Credits	Grade	Source
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No A. No Approved Degree Plan

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : S/U Degree Plan Courses - Not Met

Description A grade of S is required in all courses listed.

Met	Condition Rule	Subject Attribute	Low	High	Required Credits	Required Courses	Required Term	Subject Course Title Attribute	Credits	Grade	Source
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No A. No Approved Degree Plan

Total Credits and GPA 0.000 .00

unofficial evaluation

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TEXAS A & M GALVESTON

MARITIME ADMINISTRATION - FIVE YEAR PROGRAM THESIS OPTION

NAME _____

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Catal
og #

FRESHMAN YEAR

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
Fall Semester						Spring Semester					
History Elective	3			unvrq		Communications Elective ²	3			unvrq	
MARA 205 Ships and Shipping	4			prgreq		History Elective	3			unvrq	
MATH 141 Business Math I	3			unvrq		MARA 250 Mgmt Info Systems	2			prgreq	
POLS 206 Nat'l Government	3			unvrq		MATH 142 Business Math II	3			unvrq	
DEPT SIGN						Elective In Science ¹	5			unvrq	
	12					DEPT. SIGN					

SOPHOMORE YEAR

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
Fall Semester						Spring Semester					
ACCT 229* Acct Principles I	3			prgreq		ACCT 230* Acct Principles II	3			prgreq	
ECON 202* Microeconomic Principles	3			prgreq		ECON 203* Macroeconomic Principles	3			prgreq	
Communications Elective ²	3			unvrq		MARA 212 Business Law	3			prgreq	
MARA 301 Ocean Transportation I	3			prgreq		MARA 281 Seminar In Research	1			prgreq	
Elective In Science ¹	4			unvrq		MARA 304 Ocean Transportation II	3			prgreq	
DEPT SIGN						POL 207 State and Local Government	3			unvrq	
	16					DEPT. SIGN					

JUNIOR YEAR

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
Fall Semester						Spring Semester					
SCMT 303* Business Statistics	3			prgreq		Elective In Creative Arts	3			P&U	
MARA 373 Human Resource Mgmt	3			prgreq		MARA 440 Global Econ & Entr. Mgmt	3			prgreq	
MARA 421 Admiralty Law	3			prgreq		MGMT 481 - Senior Seminar	1			prgreq	
Elective In MARA ³ (must take MARA 424 to satisfy writing intensive requirement)	3			prgreq		Elective In Language, Philosophy & Culture	3			unvrq	
Elective In MARA ³	3			prgreq		Elective In MARA ³	3			prgreq	
DEPT SIGN						Elective In MARA ³	3				
	15					DEPT. SIGN					

SENIOR YEAR

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
Fall Semester						Spring Semester					
MARA 636 Mgmt Decision Making	3			prgreq		MARA 623 Econ Issues In Shipping	3				
MARA 641 Fin. Mgmt In Marine Trans	3			prgreq		MARA 610 Int'l Strategic Planning	3			prgreq	
MARA 627 Mktg of Trans Services	3			prgreq		MARA 664 Prod., Op & Logistic Mgmt	3			prgreq	
Elective In MARA ³	3			prgreq		Elective In MARA ³	3			prgreq	
Elective In MARA ³	3			prgreq		MARA 691	1			prgreq	
DEPT SIGN											

FIFTH YEAR

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
Fall Semester						Spring Semester					
MARA 624 Intermodal Trans. Ops	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
Graduate Level MMAL Elective ⁴	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
Graduate Level MMAL Elective ⁴	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
General Elective	4			prgreq		General Elective	3				
DEPT SIGN											

COMMENTS: 144

- ¹ Students may satisfy the 9 credit hour life and physical science requirement through any combination of one, three or four credit hour courses.
- ² The 6 hours communications electives requirement can be satisfied at TAMUG using COMM 203, ENGL 104 or ENGL 203.
- ³ Choose from MARA electives: ACCT 315, 316, ECON 311, 323, 452, SCMT 336, MARA 342, 401, 402, 416, 435, 460, 484, 485, 489, 491, 493
- ⁴ Choose from Graduate Level MMAL electives: MARA 650, 652, 640, 616, 658, 660, 604, 670, 672, MARS 620, 640, 660, 676 MARA 691

Legend: *T* - Credit by Transfer *CR* - Credit by Examination *Q* - Q-Drop *R* - Registered In Current Semester
*** - Courses requiring a grade of "C" or better *W* - Writing Intensive II Section 800 course

Detail Requirements

Peggy Rutkowski
Jun 12, 2015 04:01 pm

Viewing: Degree Evaluation (DEGEVAL, , Email)
Change Student
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Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Master of Maritime Administration and Logistics - Non-Thesis Option (Five Year Program)

Time Limits: All requirements for the degree must be completed within seven consecutive years.

Degree Plan: A Graduate Degree Plan of at least 36 hrs must be completed with a minimum GPR of 3.000 and no grade lower than C.

Course Limitations: Courses exceeding limits below will not be considered for meeting degree requirements.

1. Only approved courses on the degree plan will be considered for this program.
2. No more than 12 hrs or one-third of the total hours on the degree plan, whichever is greater, may be used. Transfer course work must be completed at an accredited institution with a grade of B or better.
3. No more than 12 hrs taken in a non-degree seeking (GG) classification may be used.
4. No more than 25 percent of the total degree plan hours may be used in any combination of the following categories:
 - a. Not more than 4 hrs 684 (Professional Internship) may be used.
 - b. Not more than 9 hrs of 685 (Directed Studies) may be used.
 - c. Not more than 3 hrs of 690 (Theory of Research) may be used.
 - d. Not more than 3 hrs of 695 (Frontiers in Research) may be used.
5. No more than 2 hrs of 681 (Seminar) may be used.
6. No more than 9 hrs of advanced undergraduate courses (300-499) may be used.
7. No correspondence study may be used.
8. No credit hours of extension course work may be used.
9. No credit hours of FREN 601 or GERM 603 may be used.
10. No credit hours of 691 (Research) may be used.

Advisory Committee: The Advisory Committee consists of at least three members of the Graduate Faculty, one of which must be from outside the student's major department.

Residence Requirement: During one semester or 2 consecutive 5-week summer terms, 9 hrs of resident credit must be completed.

Final Examination: A final comprehensive examination is not required.

Program :	MML [Galv] 5yr program	Catalog Term :	Fall 2014 - Galveston
Campus :	Galveston	Evaluation Term :	Summer 2015 - Galveston
College :	Galveston Campus	Expected Graduation Date :	
Degree :	Master of Maritime Admin & Log	Request Number :	443
Level :	Graduate	Results as of :	Jun 12, 2015
Majors :	Maritime Admin & Logistics	Minors :	
Departments :	Maritime Administration	Concentrations :	

	Met	Credits	Courses	
		Required	Used	Required
				Used
Total Required :	Yes		0.000	0
Program GPA :	No	3.00	.00	
Overall GPA :	Yes	.00	.00	
Other Course Information				
Transfer :			0.000	0

This is NOT an official evaluation.

Area : Courses for Degree Plan GPR - Not Met

Description : A minimum degree plan GPR of 3.000 is required. Courses with grades of D, F or U are not acceptable for degree plan credit and must be repeated for a grade of C or better or Satisfactory (S).

Met	Condition	Rule	Subject	Attribute	Low	High	Required	Required	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
							Credits	Courses								
No	A.		No	Approved	Degree	Plan										
														Total Credits and GPA	0.000	.00

unofficial evaluation

Area : Courses Not Applied - Met

Description See Graduate Committee Chair or Graduate Advisor for acceptable changes to degree plan coursework.

Met	Condition	Rule	Subject	Attribute	Low	High	Required	Required	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
							Credits	Courses								
No		A.	Additional Unused Courses													
													Total Credits and <u>GPA</u>	0.000	.00	

unofficial evaluation

Area : Graded Degree Plan Courses - Not Met

Description A grade of C or better is required in all courses listed.

Met	Condition	Rule	Subject	Attribute	Low	High	Required	Required	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
							Credits	Courses								
No		A.	No Approved Degree Plan													
													Total Credits and <u>GPA</u>	0.000	.00	

unofficial evaluation

Area : S/U Degree Plan Courses - Met

Description A grade of S is required in all courses listed.

Met	Condition	Rule	Subject	Attribute	Low	High	Required	Required	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
							Credits	Courses								
No		A.	No S/U Courses on Degree Plan													
													Total Credits and <u>GPA</u>	0.000	.00	

unofficial evaluation

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TEXAS A & M GALVESTON
MARITIME ADMINISTRATION - FIVE YEAR PROGRAM NON THESIS OPTION

NAME _____

UIN _____

Catal
og #

Course	CR	GR	Substitution	REQ	ini	Course	CR	GR	Substitution	REQ	ini
FRESHMAN YEAR											
Fall Semester						Spring Semester					
History Elective	3			unvrq		Communications Elective ²	3			unvrq	
MARA 205 Shps and Shipping	4			prgreq		History Elective	3			unvrq	
MATH 141 Business Math I	3			unvrq		MARA 250 Mgmt Info Systems	2			prgreq	
POLS 206 Nat'l Government	3			unvrq		MATH 142 Business Math II	3			unvrq	
DEPT SIGN						Elective In Science ¹	5			unvrq	
						DEPT. SIGN					
SOPHOMORE YEAR											
Fall Semester						Spring Semester					
ACCT 229* Acct Principles I	3			prgreq		ACCT 230* Acct Principles II	3			prgreq	
ECON 202* Microeconomic Principles	3			prgreq		ECON 203* Macroeconomic Principles	3			prgreq	
Communications Elective ²	3			unvrq		MARA 212 Business Law	3			prgreq	
MARA 301 Ocean Transportation I	3			prgreq		MARA 281 Seminar in Research	1			prgreq	
Elective In Science ¹	4			unvrq		MARA 304 Ocean Transportation II	3			prgreq	
DEPT SIGN				prgreq		POL 207 State and Local Government	3			unvrq	
						DEPT. SIGN					
JUNIOR YEAR											
Fall Semester						Spring Semester					
SCMT 303* Business Statistics	3			prgreq		Elective In Creative Arts	3			P&U	
MARA 373 Human Resource Mgmt	3			prgreq		MARA 440* Global Econ & Entr. Mgmt	3			prgreq	
MARA 421 Admiralty Law	3			prgreq		MGMT 481 - Senior Seminar	1			prgreq	
Elective In MARA ³ (must take MARA 424 to satisfy writing intensive requirement)	3			prgreq		Elective In Language, Philosophy & Culture	3			unvrq	
Elective In MARA ³	3			prgreq		Elective In MARA ³	3			prgreq	
DEPT SIGN						Elective In MARA ³	3				
						DEPT. SIGN					
SENIOR YEAR											
Fall Semester						Spring Semester					
MARA 636 Mgmt Decision Making	3			prgreq		MARA 623 Econ Issues in Shipping	3				
MARA 641 Fin. Mgmt in Marine Trans	3			prgreq		MARA 610 Int'l Strategic Planning	3			prgreq	
MARA 627 Mktg of Trans Services	3			prgreq		MARA 664 Prod., Op & Logistic Mgmt	3			prgreq	
Elective In MARA ³	3			prgreq		Elective In MARA ³	3			prgreq	
Elective In MARA ³	3			prgreq							
DEPT SIGN											
FIFTH YEAR											
Fall Semester						Spring Semester					
MARA 624 Intermodal Trans. Ops	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
Graduate Level MMAL Elective ⁴	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
Graduate Level MMAL Elective ⁴	3			prgreq		Graduate Level MMAL Elective ⁴	3			prgreq	
General Elective	4			prgreq		General Elective	3				

COMMENTS:

144

¹ Students may satisfy the 9 credit hour life and physical science requirement through any combination of one, three or four credit hour courses.

² The 6 hours communications electives requirement can be satisfied at TAMUG using COMM 203, ENGL 104 or ENGL 203.

³ Choose from MARA electives: ACCT 315, 316, ECON 311, 323, 452, SCMT 336, MARA 342, 401, 402, 416, 435, 460, 484, 485, 489, 491, 493

⁴ Choose from Graduate Level MMAL electives: MARA 650, 652, 640, 616, 658, 660, 604, 670, 672, MARS 620, 640, 660, 676

Legend: T - Credit by Transfer CR - Credit by Examination Q - Q-Drop R - Registered in Current Semester

* - Courses requiring a grade of "C" or better * - Writing Intensive if Section 900 course