



GRADUATE DEGREE CURRICULA

For Students Entering
Maritime College
During
2015-16 Academic Year

As of 09/09/15

GRADUATE DEGREE CURRICULA

<u>Programs</u>	<u>Page</u>
Master of Science	4
International Transportation Management	4
International Transportation Management & Advanced Certificate in Supply Chain Management	6
International Transportation Management – Graduate License Program	8
Maritime and Naval Studies	11
Advanced Certificate	13
Supply Chain Management	13

DEGREE CURRICULA NOTES

A student is responsible for knowing when his/her required courses are offered, as shown in the published curricula, course descriptions, and curricula flow.

General Remarks

Each degree curriculum in this document is provided as a reference showing all course requirements arranged in a model sequence. All bachelor's degrees leading to USCG licensure also require passing the relevant license exams.

A student's individual degree plan may divert from the published curriculum, but must take into account the following:

- A course may be offered only in certain semesters.
- Course prerequisites and corequisites must be honored.

The semester scheduling of course offerings is available in both this document and the accompanying course descriptions document. Course prerequisites/corequisites are available in the accompanying Course Descriptions file. The resulting "flow of courses" for each curriculum can be found in the accompanying Curricula Flow document.

Rules about Curriculum Changes (Students are normally required to follow the policies below. Students may appeal in a timely fashion for waivers through the department chair and Provost.)

- 1. Grandfather clause:** A student is expected to complete his/her major curriculum as specified at the time of matriculation. A student may choose to follow a later curriculum, but the student must complete all of the requirements of that later curriculum.
- 2. Readmission rule:** A readmitted student follows the curriculum in effect at the time the student returns to studies. The only departure from the school that does not require readmission is an official leave of absence.
- 3. Change of major rule:** When a student changes major, he/she must change to the curriculum in effect at the time of the change.
- 4. Regulatory change rule:** If a regulatory body (such as the U.S. Coast Guard or ABET) institutes new requirements that change the student's curriculum, the student must complete the new requirements.

**Master of Science
International Transportation Management
Curriculum Check Sheet**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
TMGT 6001	Orientation for Graduate Studies	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7200	Management Information Systems in Transportation	
TMGT 7300	Transportation Management	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	

- Elective Courses (4 courses for 12 credits with Capstone Option; 3 courses for 9 credits with Thesis Option)

Course #	Course	Completed
*	*	*
* Not required if Thesis Option (courses 9201 & 9202) is chosen to complete the program		

- Final Course(s) (1 course Capstone Option is 3 credits, 2 course Thesis Option is 6 credits)

Course #	Course	Completed
TMGT 9100	Capstone Course	
TMGT 9201	Thesis I	
TMGT 9202	Thesis II	

- **TOTAL CREDITS: 34**

**Master of Science
International Transportation Management
Elective Courses**

Prerequisites: All TMGT 7000-level courses	
Course #	Course
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8140	Seminar in Shipping Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8230	Ship Finance
TMGT 8270	Ship Management
TMGT 8280	Fleet Management
TMGT 8310	Port Development and Environmental Issues
TMGT 8320	Port and Terminal Management
TMGT 8330	Analysis of Integrated Ocean Transportation and Ports
TMGT 8340	Dry and Wet Bulk Vessel Operations
TMGT 8360	Intermodal Freight Transportation
TMGT 8370	Shipboard Operations for Shoreside Managers
TMGT 8390	Maritime Port Security
TMGT 8420	Ocean Marine Hull & Protection & Indemnity Insurance
TMGT 8430	Ocean Marine Cargo Insurance and Loss Adjusting
TMGT 8440	Maritime Law
TMGT 8450	Advanced Charter Parties I
TMGT 8460	Advanced Charter Parties II *
TMGT 8465	Advanced Topics in Shipping
TMGT 8470	Transportation Risk Management
TMGT 8480	Managing Across Cultures
TMGT 8491	The Terrorist Threat Today
TMGT 8499	Special Topics in International Transportation Management
TMGT 8501	Principles of Supply Chain Management I
TMGT 8502	Principles of Supply Chain Management II **
TMGT 8505	International Trade Management Internship
TMGT 8510	Systems Design & Control
TMGT 8520	Case Studies in Supply Chain Security
* Prerequisite: TMGT 8450	
** Prerequisite: TMGT 8501	

**Master of Science in International Transportation Management &
Advanced Certificate in Supply Chain Management
Curriculum Check Sheet**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
TMGT 6001	Orientation for Graduate Studies	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7200	Management Information Systems in Transportation	
TMGT 7300	Transportation Management	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	

- Supply Chain Management Courses (3 courses for 9 credits)

Course #	Course	Completed
TMGT 8501	Principles of Supply Chain Management I	
TMGT 8502	Principles of Supply Chain Management II	
TMGT 8510	Systems Design & Control	

- Elective Courses (3 courses for 9 credits with Capstone Option; 2 courses for 6 credits with Thesis Option)

Course #	Course	Completed
*	*	*
* Not required if Thesis Option (courses 9201 & 9202) is chosen to complete the program		

- Final Course(s) (1 course Capstone Option is 3 credits, 2 course Thesis Option is 6 credits)

Course #	Course	Completed
TMGT 9100	Capstone Course	
TMGT 9201	Thesis I	
TMGT 9202	Thesis II	

- **TOTAL CREDITS: 40**

**Master of Science in International Transportation Management &
Advanced Certificate in Supply Chain Management
Elective Courses**

Prerequisites: All TMGT 7000-level courses	
Course #	Course
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8140	Seminar in Shipping Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8230	Ship Finance
TMGT 8270	Ship Management
TMGT 8280	Fleet Management
TMGT 8310	Port Development and Environmental Issues
TMGT 8320	Port and Terminal Management
TMGT 8330	Analysis of Integrated Ocean Transportation and Ports
TMGT 8340	Dry and Wet Bulk Vessel Operations
TMGT 8360	Intermodal Freight Transportation
TMGT 8370	Shipboard Operations for Shoreside Managers
TMGT 8390	Maritime Port Security
TMGT 8420	Ocean Marine Hull & Protection & Indemnity Insurance
TMGT 8430	Ocean Marine Cargo Insurance and Loss Adjusting
TMGT 8440	Maritime Law
TMGT 8450	Advanced Charter Parties I
TMGT 8460	Advanced Charter Parties II *
TMGT 8465	Advanced Topics in Shipping
TMGT 8470	Transportation Risk Management
TMGT 8480	Managing Across Cultures
TMGT 8491	The Terrorist Threat Today
TMGT 8499	Special Topics in International Transportation Management
TMGT 8505	International Trade Management Internship
TMGT 8520	Case Studies in Supply Chain Security
* Prerequisite: TMGT 8450	

**Master of Science
International Transportation Management
Graduate License Program
Curriculum Check Sheet – Graduate Courses**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
TMGT 6001	Orientation for Graduate Studies	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7200	Management Information Systems in Transportation	
TMGT 7300	Transportation Management	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	

- Program Course (1 course for 3 credits)

Course #	Course	Completed
TMGT 8390	Maritime Port Security (substitutes for MT 435)	

- Elective Courses (3 courses for 9 credits with Capstone Option; 2 courses for 6 credits with Thesis Option)

Course #	Course	Completed
*	*	*
* Not required if Thesis Option (courses 9201 & 9202) is chosen to complete the program		

- Final Course(s) (1 course Capstone Option is 3 credits, 2 course Thesis Option is 6 credits)

Course #	Course	Completed
TMGT 9100	Capstone Course	
TMGT 9201	Thesis I	
TMGT 9202	Thesis II	

- **TOTAL GRADUATE CREDITS: 34**

**Master of Science
International Transportation Management
Graduate License Program
Curriculum Check Sheet – Undergraduate License Courses**

Course Sequence - Fall Start

Course #	Course	CREDITS	SEMESTER	Completed
NAUT 102	Vessel Ops. And Seamanship	1	Fall 1	
PS 112	STCW Basic Training	2	Fall 1	
PE 103	Water Safety and Survival	1	Fall 1	
NAVG 112	Terrestrial Navigation	4	Fall1	
MT 250	Ship Construction and Stability	2	Fall 1	
METE 201	Meteorology for Mariners	3	Spring 1	
NAVG 212	Celestial Navigation	4	Spring 1	
MT 321	Intro to Cargo Operations	3	Spring 1	
MT 510	Summer Sea Term I	6	Summer 1	
MT 520	Summer Sea Term II	6	Summer 1	
NAUT 314	Rules of the Road	2	Fall 2	
NAUT 315	Collision Avoidance	3	Fall 2	
MT 322	Marine Cargo Operations	3	Fall 2	
NAUT 308	Nautical Operations - Safety	2	Spring 2	
NAVG 312	Electronic Navigation	4	Spring 2	
MT 426	Maritime Communications	3	Spring 2	
MT 530	Summer Sea Term III	5	Summer 2	
PE 411	Medical Care Provider	1	Summer 2	
MT 412	License Seminar	4	Fall 3	
MT 435	Maritime Security	(3)	Fall 3	See TMGT 8390
NAUT 416	Bridge Watchstanding	3	Fall 3	

Course Sequence - Spring Start

Course #	Course	CREDITS	SEMESTER	Completed
NAUT 102	Vessel Ops. And Seamanship	1	Spring 1	
PS 112	STCW Basic Training	2	Spring 1	
PE 103	Water Safety and Survival	1	Spring 1	
NAVG 112	Terrestrial Navigation	4	Spring 1	
MT 510	Summer Sea Term I	6	Summer 1	
MT 250	Ship Construction and Stability	2	Fall 1	
METE 201	Meteorology for Mariners	3	Fall 1	
NAUT 314	Rules of the Road	2	Fall 1	
NAUT 315	Collision Avoidance	3	Fall 1	
NAVG 212	Celestial Navigation	4	Spring 2	
MT 321	Intro to Cargo Operations	3	Spring 2	
NAUT 308	Nautical Operations - Safety	2	Spring 2	
MT 435	Maritime Security	(3)	Spring 2	See TMGT 8390
MT 520/521	Summer Sea Term II	6	Summer 2	
MT 322	Marine Cargo Operations	3	Fall 2	
NAVG 312	Electronic Navigation	4	Fall 2	
MT 426	Maritime Communications	3	Fall 2	
MT 412	License Seminar	4	Spring 3	
NAUT 416	Bridge Watchstanding	3	Spring 3	
MT 530	Summer Sea Term III	5	Summer 3	
PE 411	Medical Care Provider	1	Summer 3	

TOTAL UNDERGRADUATE CREDITS: 62

**Master of Science
International Transportation Management
Graduate License Program
Elective Courses**

Prerequisites: All TMGT 7000-level courses	
Course #	Course
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8140	Seminar in Shipping Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8230	Ship Finance
TMGT 8270	Ship Management
TMGT 8280	Fleet Management
TMGT 8310	Port Development and Environmental Issues
TMGT 8320	Port and Terminal Management
TMGT 8330	Analysis of Integrated Ocean Transportation and Ports
TMGT 8340	Dry and Wet Bulk Vessel Operations
TMGT 8360	Intermodal Freight Transportation
TMGT 8370	Shipboard Operations for Shoreside Managers
TMGT 8420	Ocean Marine Hull & Protection & Indemnity Insurance
TMGT 8430	Ocean Marine Cargo Insurance and Loss Adjusting
TMGT 8440	Maritime Law
TMGT 8450	Advanced Charter Parties I
TMGT 8460	Advanced Charter Parties II *
TMGT 8465	Advanced Topics in Shipping
TMGT 8470	Transportation Risk Management
TMGT 8480	Managing Across Cultures
TMGT 8491	The Terrorist Threat Today
TMGT 8499	Special Topics in International Transportation Management
TMGT 8501	Principles of Supply Chain Management I
TMGT 8502	Principles of Supply Chain Management II **
TMGT 8505	International Trade Management Internship
TMGT 8510	Systems Design & Control
TMGT 8520	Case Studies in Supply Chain Security
* Prerequisite: TMGT 8450	
** Prerequisite: TMGT 8501	

**Master of Science
Maritime and Naval Studies
Curriculum Check Sheet**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
MNST 6001	Introduction to Academic Writing and Research Methods	

- Core Courses (2 courses for 6 credits)

Course #	Course	Completed
MNST 7101	American Commercial Maritime History: 1500 to the Present	
MNST 7102	The History of American Sea Power	

- Elective Courses (7 courses for 21 credits *)

Course #	Course	Completed

* Students may take up to 3 approved TMGT courses

- Capstone Course (1 course for 3 credits)

Course #	Course	Completed
MNST 9100	Capstone	

- **TOTAL CREDITS: 31**

**Master of Science
Maritime and Naval Studies
Elective Courses**

Corequisite: MNST 6001	
Course #	Course
MNST 8101	Music of the Sea
MNST 8102	Oceans Politics and Law
MNST 8103	The History of World Sea Power
MNST 8104	Maritime Shakespeare
MNST 8105	Literature of the Middle Passage
MNST 8106	Maritime Piracy and Predation
MNST 8107	Maritime and Naval Art
MNST 8109	The Last Great Hunt: Herman Melville, Moby-Dick, and American Culture

**Advanced Certificate
Supply Chain Management
Curriculum Check Sheet**

- Core Courses (3 courses for 9 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7200	Management Information Systems in Transportation	
TMGT 7400	Logistics within the Supply Chain	

- Supply Chain Management Courses (3 courses for 9 credits)

Course #	Course	Completed
TMGT 8501	Principles of Supply Chain Management I	
TMGT 8502	Principles of Supply Chain Management II *	
TMGT 8510	Systems Design & Control	
* Prerequisite: TMGT 8501		

- Elective Course (1 course for 3 credits)

Course #	Course	Completed

- **TOTAL CREDITS: 21**

**Advanced Certificate
Supply Chain Management
Elective Courses**

Course #	Course
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8140	Seminar in Shipping Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8230	Ship Finance
TMGT 8270	Ship Management
TMGT 8280	Fleet Management
TMGT 8310	Port Development and Environmental Issues
TMGT 8320	Port and Terminal Management
TMGT 8330	Analysis of Integrated Ocean Transportation and Ports
TMGT 8340	Dry and Wet Bulk Vessel Operations
TMGT 8360	Intermodal Freight Transportation
TMGT 8370	Shipboard Operations for Shoreside Managers
TMGT 8390	Maritime Port Security
TMGT 8420	Ocean Marine Hull & Protection & Indemnity Insurance
TMGT 8430	Ocean Marine Cargo Insurance and Loss Adjusting
TMGT 8440	Maritime Law
TMGT 8450	Advanced Charter Parties I
TMGT 8460	Advanced Charter Parties II *
TMGT 8465	Advanced Topics in Shipping
TMGT 8470	Transportation Risk Management
TMGT 8480	Managing Across Cultures
TMGT 8491	The Terrorist Threat Today
TMGT 8499	Special Topics in International Transportation Management
TMGT 8505	International Trade Management Internship
TMGT 8520	Case Studies in Supply Chain Security
* Prerequisite: TMGT 8450	