



## **GRADUATE DEGREE CURRICULA**

For Students Entering  
Maritime College  
During  
2023-24 Academic Year

As of September 15, 2023

## GRADUATE DEGREE CURRICULA

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## DEGREE CURRICULA NOTES

A student is responsible for knowing when his/her required courses are offered.

### **General Remarks**

Each degree curriculum in this document is provided as a reference showing all course requirements. All 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.

Course prerequisites/corequisites are available in the accompanying Course Descriptions file.

**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. Choosing a later curriculum requires submission of a *Change of Curriculum* form.
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. Submission of a *Change of Curriculum* form is required.
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  
Maritime and Naval Studies  
Curriculum Check Sheet**

- Orientation Course (1 course for 1 credit)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>
MNST 6001	Introduction to Academic Writing and Research Methods	

- Core Courses (2 courses for 6 credits)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>
MNST 7101	American Commercial Maritime History: 1500 to the Present	
MNST 7102	The History of American Sea Power	
MNST 7103	American Sea Fiction and Maritime Culture	
MNST 7104	Maritime Digital Archives/Maritime Digital Humanities	

Elective Courses (7 courses for 21 credits \*)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>

\* Students may take up to 3 approved TMGT courses

- Capstone Course (1 course for 3 credits)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>
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	Ocean 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, <i>Moby-Dick</i> , and American Culture
MNST 8110	Introduction to the Issues and Challenges Particular to Maritime Museums
MNST 8111	Environmental Humanities: Arks and Archives
MNST 8112	Maritime Monsters: What Lies Beneath?
MNST 8250	Government Transportation/Environmental Policy (Cross-listed as TMGT 8250)*
MNST 8199	Special Topics in Maritime and Naval Studies I
MNST 8299	Special Topics in Maritime and Naval Studies II
* Corequisite: TMGT 6001 or MNST 6001; no prerequisites	

**Master of Science  
Maritime and Naval Studies  
Graduate License Program  
Curriculum Check Sheet –License Courses  
Course Sequence**

<b>Course #</b>	<b>Course</b>	<b>CREDITS</b>	<b>SEMESTER</b>	<b>Completed</b>
NAUT 102	Intro to Vessel Ops. And Seamanship	1	Fall 1	
MTO 112	STCW Basic Training	2	Fall 1	
MTO 103	Water Safety and Survival for Mariners	1	Fall 1	
NAVG 112	Navigation I – Introduction to Navigation	4	Fall1	
MT 250	Ships Construction & Stability	2	Fall 1	
METE 201	Meteorology for Mariners	3	Spring 1	
NAVG 212	Navigation II - Oceans	4	Spring 1	
MT 321	Intro to Cargo Ops & Ship Stability	3	Spring 1	
MT 510*	Ship Operation & Management I	6	Summer 1	
NAUT 314	Rules of the Road	2	Fall2	
NAUT 315	Introduction to Integrated Bridge Systems	3	Fall 2	
MT 322	Marine Cargo Operations	3	Fall 2	
NAUT 308	Nautical Operations - Safety	2	Spring 2	
NAVG 312	Integrated Bridge Systems and Voyage Planning	4	Spring 2	
MT 426	Maritime Communications	3	Spring 2	
MT 520 or MT 521**	Ship Operation & Management II or Cadet Commercial Vessel Shipping**	6	Summer 2 or Fall 2 or Spring2 or Summer 2	
MT 412	Deck License Seminar	4	Fall 3	
MT 435***	Maritime Security	(3)	Fall 3	TMGT 8390***
NAUT 416	Bridge Resource Management	3	Fall 3	
MT 530	Ship Operation & Management III	5	Summer 3	
MTO 412	Medical First Aid	1	Summer 3	

\* VPDS (SUNY DP-747) is a prerequisite for MT 510

\*\* During Fall 1, students interested in MT 521 Cadet Commercial Vessel Shipping should discuss alternative course sequencing for the following semesters with their Primary Advisor.

\*\*\*Graduate License students take the on-campus section of TMGT 8390 instead of the undergraduate license course MT 435. Graduate License students who take MT 435 instead of TMGT 8390 will be required to take an additional graduate course.

**TOTAL LICENSE CREDITS: 65**

**Master of Science  
Shipping and Logistics  
Curriculum Check Sheet**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
TMGT 6001	Orientation for Graduate Studies <i>(corequisite for core courses)</i>	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	
TMGT 7600	Shipping Economics	
TMGT 7700	Ship Finance	

- 8000-Level Elective Courses (4 courses for 12 credits)

*Prerequisite -at least four core courses*

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)

*Prerequisite- all six core courses*

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

**TOTAL CREDITS: 34**

**Master of Science  
Shipping Logistics Elective Courses**

<b>Course #</b>	<b>Course</b>
<b>Prerequisites for 8000-level courses: any four core courses</b>	
TMGT 7300	Transportation Management
TMGT 8110	Economics of Transportation
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8250	Government Transportation/Environmental Policy (Cross-listed as MNST 8250) *
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 (Corequisite: TMGT 8450)
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 I
TMGT 8501	Principles of Supply Chain Management I
TMGT 8502	Principles of Supply Chain Management II (Prerequisite: TMGT 8501)
TMGT 8505	International Trade Management Internship
TMGT 8510	Systems Design & Control
TMGT 8520	Global Transportation and Supply Chain Security
TMGT 8530	Information Management
TMGT 8540	Maritime Physical and Cyber Security
TMGT 8550	Maritime Physical and Cyber Security, Risk Management and Mitigation (Prerequisite: 8540)
TMGT 8599	Special Topics in International Transportation Management II
* Corequisite: TMGT 6001 or MNST 6001; no prerequisites	



**Master of Science Shipping and Logistics  
&  
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 (corequisite for core courses)	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	
TMGT 7600	Shipping Economics	
TMGT 7700	Ship Finance	

- Supply Chain Management Courses (4 courses for 12 credits)

*Prerequisite -at least four core courses*

Course #	Course	Completed
TMGT 8501	Principles of Supply Chain Management I	
TMGT 8502	Principles of Supply Chain Management II (Prerequisite TMGT8501)	
TMGT 8510	Systems Design & Control	
TMGT 8530	Information Management	

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

- 8000-Level Elective Courses (2 courses for 6 credits)

Course #	Course	Completed
*	*	

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

- Final Course(s) (one course Capstone Option for 3 credits, two course Thesis Option for 6 credits)

*Prerequisite- all six core courses*

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

**TOTAL CREDITS: 40**

**Master of Science in Shipping and Logistics &  
Advanced Certificate in Supply Chain Management  
Elective Courses**

<b>Course #</b>	<b>Course</b>
<b>Prerequisites for 8000-level courses: any four core courses</b>	
TMGT 7300	Transportation Management
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8250	Government Transportation/Environmental Policy (Cross-listed as MNST 8250) *
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 (Corequisite: TMGT 8450)
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 I
TMGT 8505	International Trade Management Internship
TMGT 8520	Global Transportation and Supply Chain Security
TMGT 8540	Maritime Physical and Cyber Security
TMGT 8550	Maritime Physical and Cyber Security, Risk Management and Mitigation (Prerequisite: TMGT 8540)
TMGT 8599	Special Topics in International Transportation Management II
* Corequisite: TMGT 6001 or MNST 6001; no prerequisites	

**Master of Science  
Shipping and Logistics  
Graduate License Program  
Curriculum Check Sheet – Graduate Courses**

- Orientation Course (1 course for 1 credit)

Course #	Course	Completed
TMGT 6001	Orientation for Graduate Studies (corequisite for core courses)	

- Core Courses (6 courses for 18 credits)

Course #	Course	Completed
TMGT 7060	Systems Analysis & Operations Research	
TMGT 7100	Economics of International Trade	
TMGT 7400	Logistics within the Supply Chain	
TMGT 7500	International Business and Transportation Law	
TMGT 7600	Shipping Economics	
TMGT 7700	Ship Finance	

- Program Course (1 course for 3 credits)

*Prerequisite -at least four core courses*

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

- 8000-Level Elective Courses (3 courses for 9 credits)

*Prerequisite -at least four core courses*

Course #	Course	Completed
*	*	

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

- Final Course(s) (one course with Capstone Option for 3 credits or two course Thesis Option for 6 credits)

*Prerequisite- all six core courses*

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

**GRADUATE CREDITS: 34**

**UNDERGRADUATE LICENSE CREDITS: 62**

**TOTAL CREDITS: 96**

**Master of Science  
Shipping and Logistics  
Graduate License Program  
Curriculum Check Sheet –License Courses  
Course Sequence**

Course #	Course	CREDITS	SEMESTER	Completed
NAUT 102	Intro to Vessel Ops. And Seamanship	1	Fall 1	
MTO 112	STCW Basic Training	2	Fall 1	
MTO 103	Water Safety and Survival for Mariners	1	Fall 1	
NAVG 112	Navigation I – Introduction to Navigation	4	Fall1	
MT 250	Ships Construction & Stability	2	Fall 1	
METE 201	Meteorology for Mariners	3	Spring 1	
NAVG 212	Navigation II - Oceans	4	Spring 1	
MT 321	Intro to Cargo Ops & Ship Stability	3	Spring 1	
MT 510*	Ship Operation & Management I	6	Summer 1	
NAUT 314	Rules of the Road	2	Fall 2	
NAUT 315	Introduction to Integrated Bridge Systems	3	Fall 2	
MT 322	Marine Cargo Operations	3	Fall 2	
NAUT 308	Nautical Operations - Safety	2	Spring 2	
NAVG 312	Integrated Bridge Systems and Voyage Planning	4	Spring 2	
MT 426	Maritime Communications	3	Spring 2	
MT 520 or MT 521**	Ship Operation & Management II or Cadet Commercial Vessel Shipping**	6	Summer 2 or Fall 2 or Spring 2 or Summer2	MT 520 or MT 521**
MT 412	Deck License Seminar	4	Fall 3	
MT 435***	Maritime Security	(3)	Fall 3	TMGT 8390***
NAUT 416	Bridge Resource Management	3	Fall 3	
MT 530	Ship Operation & Management III	5	Summer 3	
MTO 412	Medical First Aid	1	Summer 3	

\* VPDSD (SUNY DP-747) is a prerequisite for MT 510

\*\* During Fall 1, students interested in MT 521 Cadet Commercial Vessel Shipping should discuss alternative course sequencing for the following semesters with their Primary Advisor.

\*\*\*Graduate License students take the on-campus section of TMGT 8390 instead of the undergraduate license course MT 435. Graduate License students who take MT 435 instead of TMGT 8390 will be required to take an additional graduate course.

**TOTAL LICENSE CREDITS: 65**

**Master of Science  
Shipping Logistics/Graduate License Program Elective Courses**

Course #	Course
<b>Prerequisites for 8000-level courses: any four core courses</b>	
TMGT 7300	Transportation Management
TMGT 8110	Economics of Transportation
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8250	Government Transportation/Environmental Policy (Cross-listed as MNST 8250) *
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 (Corequisite: TMGT 8450)
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 I
TMGT 8501	Principles of Supply Chain Management I
TMGT 8502	Principles of Supply Chain Management II (Prerequisite: TMGT 8501)
TMGT 8505	International Trade Management Internship
TMGT 8510	Systems Design & Control
TMGT 8520	Global Transportation and Supply Chain Security
TMGT 8530	Information Management
TMGT 8540	Maritime Physical and Cyber Security
TMGT 8550	Maritime Physical and Cyber Security, Risk Management and Mitigation (Prerequisite: TMGT 8540)
TMGT 8599	Special Topics in International Transportation Management II
* Corequisite: TMGT 6001 or MNST 6001; no prerequisites	

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

- Core Courses (1 course for 3 credits)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>
TMGT 7060	Systems Analysis & Operations Research	

- Supply Chain Management Courses (5 courses for 15 credits)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>
TMGT 7400	Logistics within the Supply Chain	
TMGT 8501	Principles of Supply Chain Management I	
TMGT 8502	Principles of Supply Chain Management II (Prerequisite: TMGT 8501)	
TMGT 8510	Systems Design & Control	
TMGT 8530	Information Management	

- 8000-Level Elective Course (1 course for 3 credits)

<b>Course #</b>	<b>Course</b>	<b>Completed</b>

**TOTAL CREDITS: 21**

**Advanced Certificate  
Supply Chain Management  
Elective Courses**

<b>Course #</b>	<b>Course</b>
TMGT 7300	Transportation Management
TMGT 8110	Economics of Transportation
TMGT 8120	Topics in Managerial Economics
TMGT 8150	Transportation Benefit Cost Analysis
TMGT 8210	Transportation Managerial Accounting
TMGT 8250	Government Transportation/Environmental Policy (Cross-listed as MNST 8250) *
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 (Prerequisite: TMGT 8450)
TMGT 8465	Advanced Topics in Shipping
TMGT 8470	Transportation Risk Management
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TMGT 8505	International Trade Management Internship
TMGT 8520	Global Transportation and Supply Chain Security
TMGT 8540	Maritime Physical and Cyber Security
TMGT 8550	Maritime Physical and Cyber Security, Risk Management and Mitigation (Prerequisite: TMGT 8540)
TMGT 8599	Special Topics in International Transportation Management II
* Corequisite: TMGT 6001 or MNST 6001; no prerequisites	