



**Master of Science
in
International Transportation
Management**

Catalog

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Welcome to the Master of Science Degree Program in International Transportation and Trade

Exports and imports, the international movement of goods, services, labor, business enterprise, investment funds, and technology, continue to surge past unprecedented levels of activity. For better or worse, globalization increasingly characterizes our world. Businesses both large and small seek to take advantage of new opportunities while avoiding new perils. The opportunities and perils are embedded in flowing controversies, e.g. are we experiencing economic interdependence or increased economic dependence? Is the world becoming “flat” to the benefit of all or are we lowering important bars down to the least common denominators in trade, labor, and environmental practices?

Few industries are as multinational as the business of shipping. A Greek ship owner may own a vessel, time chartered to an American time charterer, and sub chartered to a Chinese trader. The vessel’s hull is insured by Lloyd’s syndicates, entered in a Norwegian P and I Club, and manned by Russian officers and Philippine crew. The chartered voyage may touch several of the world’s seaports. The landside may involve warehousing, distribution centers, railroads, trucks and assorted other parties. The possibilities are endless. What lucrative opportunities lie in your future?

Our Graduate Program has a very international profile. We have an extremely diverse faculty and student body. Our special emphasis is the business of shipping. However, our curriculum is intermodal in nature. Our graduates work in every aspect of the business of international transportation and trade.

Our tri-state location provides our students with fabulous opportunities for work, study, and recreation. We are an international school in the most cosmopolitan city in the world.

I look forward to welcoming you to our very special program and to one of the greatest cities in the world, New York.

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SUNY Maritime College and the Graduate Program in International Transportation Management

The Maritime College is a specialized unit of SUNY (State University of New York), authorized to grant the Bachelor of Science, Bachelor of Engineering and Master of Science Degrees, and is fully accredited by the Middle States Association of Colleges and Secondary Schools.

The Graduate Program in International Transportation Management is part of the Maritime College. The Master of Science Degree in International Transportation Management was established to provide high quality and competitive graduate level business education for individuals who are pursuing a career in international and intermodal transportation, trade and related areas. Our program places a special emphasis on the business of ocean transportation.

Why Study International Transportation Management?

World sea-borne trade and the international trade transactions that underlie the movement of goods have expanded more than tenfold in the past fifty years. Today, merchant ships plying the high seas move more than twice as much cargo as the entire world's road and railway vehicles combined. International and intermodal transportation and trade will continue to be a crucial aspect of world commerce in the 21st century.

Our program has a special emphasis on the business of ocean transportation. However, you will also gain a thorough understanding of all forms of intermodal transport including air, rail and truck, as well as the economic, legal and regulatory environments in which they operate.

Our graduates and current students are employed in every aspect of the business of shipping, cruise lines, international and intermodal transportation, global trade, and related areas. They are managers of ship-owning companies, shipbrokers, freight forwarders, NVOCCs, marine insurance underwriters, managers of truck and rail companies, grain, sugar and oil traders, port authorities, managers of terminals and airlines, commercial bankers, among others.

Why Choose SUNY Maritime College's Graduate Program in International Transportation Management?

The Graduate Program in International Transportation Management will provide you with:

- A solid business foundation in operations research, business statistics, economics, marketing, and finance.
- Solid transportation related core courses.
- Exciting elective courses in the international business of ocean transportation, including other associated transportation modes, law, logistics, security, supply chain management, and the international economics of finance and trade.
- In-depth exposure to business of shipping topics including charter party practice, supply chain management, liner operations, ship management, transport intermediaries, marine insurance and law.

We are the oldest and most prestigious Maritime College in the United States. Our Graduate Program is the only one of its kind in North America.

Is the Program Expensive?

We are part of the State University of New York. Our tuition and fees are much less expensive than other graduate institutions. Financial aid is available.

A graduate degree is one of the best investments that you can make in your long term earning potential. According to US government statistics, a person with a Masters Degree can expect to earn considerably more over his/her lifetime than someone that has chosen not to pursue an advanced degree. A Masters Degree should be viewed as an investment in your future.

Where are the Graduate Program Courses in International Transportation Management Located?

The MS degree program is located at the SUNY Maritime College's main campus, in the Bronx, NY. Courses are offered during the late afternoon and evening hours on weekdays; some classes are also offered on weekends. The tri-state area, New York City, New Jersey and Connecticut, is the very center of shipping, ship finance, chartering, insurance and trade in the United States. Our location adds hands on experiences in the industry, enhanced resources and employment opportunities for our program graduates.



The MS Degree Program Curriculum

We offer a Masters Degree in International Transportation Management. Our curriculum is divided into four categories of courses:

1. Program Prerequisite Courses
2. Core Courses
3. Elective Courses
4. Team-oriented Capstone Course or individual study Thesis

You must complete 33 masters' level credits with a cumulative GPA (Grade Point Average) of 3.0 (B) to earn the degree. Students enrolled in the MS program's Supply Chain Management (SCM) degree option must follow a 39-credit degree requirement and maintain a cumulative GPA of 3.0(B) As a condition of acceptance into the program, *you may also be required to complete some or all of the Program Prerequisite Courses depending upon your undergraduate experience.*

Program Prerequisite Courses

We believe that your success in the Graduate Program of International Transportation Management will depend, in part, on your having a solid foundation in mathematics, economics, statistics, finance and marketing. Therefore, Program Prerequisites have been established. These are courses which the Graduate Program requires for those students who do not have the appropriate undergraduate experience. Neither grade nor credits are calculated for the prerequisite courses in determining a graduate student's GPA. However, poor performance in prerequisite courses may lead to academic consultation and action as deemed appropriate by the student's advisor, department chair or vice chair. ***Students are counseled to complete prerequisite requirements as soon as possible upon entering into the program.***

Course Number	Course Title	Credits
TMGT 6100	Quantitative Analysis	Credits are not allocated
MATH/GBMG 446**	Operations Research	For prerequisite classes
MATH 111**	Business Calculus	
TMGT 6200	Economic Analysis	
GBEC 121**	Macroeconomics	
GBEC 122**	Microeconomics	
TMGT 6300	Business Statistics	
MATH 251**	Business Statistics	
TGMT6400	Financial Management	
GBEC427	Financial Management	
TMGT 6500	Marketing Management	
GBMG 345**	Fundamentals of Marketing	

***** These courses are equivalents to the TMGT 6000 series and are offered more frequently; the Graduate Program may require incoming students who need prerequisites to satisfy them by taking the asterisked courses.***

You may satisfy program prerequisite courses by providing proof of the completion of satisfactory and comparable undergraduate or graduate course work at other accredited institutions. Only students who lack the equivalent course work in their undergraduate training must complete the prerequisite courses. You will be evaluated at the time of application to the program and advised as to whether any program prerequisite course work is required.

Please note that grades that you earn for program prerequisite Courses will not be included in your overall Grade Point Average (GPA) calculation.

However, if you complete a program prerequisite course **as part of your first 12 (twelve) credits, then your grade for the program prerequisite course will be applied towards your matriculation requirement.** Matriculation means that you have completed at least 12 credits

within the Graduate Program of International Transportation Management and have achieved a cumulative Grade Point Average (GPA) of at least 3.0. You must matriculate in order to continue working towards the Masters Degree.

Credits that you earn by completion of program prerequisite courses do not count towards the thirty-three (33) credits of the regular program, or the 39-credits for the Supply Chain Management option that are required to complete the Master of Science Degree in International Transportation Management.

Core Courses

These foundation courses are required of all students and emphasize international transportation and trade, intermodalism, and the maritime industry. They are the core of our program:

Course Number	Course Title	Credits	Prerequisite Courses
7060	Systems Analysis & Operations Research		6100
7100	Economics of International Trade	3	6200
7200	Management Information Systems in Transportation**	3	None
7300	Transportation Management	3	None
7400	The Logistics of the Channel Within the Supply Chain **	3	For SCM option 7050 & 7051
7500	International Business & Transportation Law	3	None

Here are brief descriptions of the Management Core Courses. Full descriptions of these and all of the courses offered by the Graduate Program in International Transportation Management can be found in this catalogue.

- **7060 Systems Analysis & Operations Research.** This core course provides an introduction to systems analysis and operational research for managers. It focuses on network analysis, project management, game theory, etc.
- **7100 Economics of International Trade.** This course covers economic principles that affect the profitability of all international trade transactions and cargo movements.
- **7200 Management Information Systems in Transportation.** This course recognizes that sustainable competition can only be realized by access to, and the management of, relevant information and data.
- **7300 Transportation Management.** This course focuses on the strategic principles necessary for the profitable management of ocean and intermodal transportation firms.
- **7400 Business Logistics.** This course prepares the manager to control efficiently the movement of goods, materials and other resources from origin to destination.
- **7500 International Business and Transportation Law.** This course identifies the unique legal risks associated with international business and transportation from both a private and public law perspective.

Elective Courses

We understand that you may not have the same interests, or have the same career path, as others enrolled in the Graduate Program. Nevertheless, you will find a vast array of courses covering liner and tramp shipping, port operations, international trade, economics, insurance, law, and other topics.

You are free to elect courses in accordance with your needs. Each course is 3 credits.

Please note that you must complete a minimum of 15 credits (5 courses) of elective course work to earn the degree.

Course Number	Course Title	Prerequisite Courses
8110	Economics of Transportation	6100, 6200
8120	Topics in Managerial Economics	6100, 6200
8130	Economics of Ocean Transportation	6200
8140	Seminar in Shipping Economics	61,00, 6200
8150	Transportation Benefit-Cost Analysis	6200
8210	Transportation Managerial Accounting	None
8220	Financial Decision Making in Transportation	6300, 6400
8230	Ship Finance	None
8240	International Trade Transactions	None
8250	Government Transportation/Environmental Policy	None
8260	Industrial Relations in Transportation	None
8270	Ship Management	None
8280	Fleet Management	None
8290	Transportation Planning **	None
8310	Organizational Management	None
8320	Port and Terminal Management	None
8330	Analysis of Integrated Ocean Transportation & Ports	None
8340	Dry and Wet Bulk Vessel Operations	None
8350	Analysis of Air Transportation & Airports	None
8355	Selected Topics in International Aviation Transportation Management	None
8360	Intermodal Freight Transportation **	None
8370	Shipboard Operations for Shore side Managers	None
8380	Bunker and Aviation Fuel Markets	None
8390	Maritime Port Security **	None

Course Number	Course Title	Prerequisite Courses
8420	Ocean Marine Hull & Protection & Indemnity Insurance	None
8430	Ocean Marine Cargo Insurance and Loss Adjusting	None
8440	Maritime Law	None
8450	Advanced Charter Parties I*	None
8460	Advanced Charter Parties II*	None
8470	Transportation Risk Management**	None
8480	Managing Across Cultures **	None
8485	Principles of Project Management	None
8490	Case Studies in Supply Chain Security**	None
8495	Systems Security in a Supply Chain Context **	None
8500	The Marketing Channel within the Supply Chain	None
8501	Principles of Supply Chain Management I **	
8502	Principles of Supply Chain Management II **	8501
8505	ITM Internship	See Course description
8510	System Design and Control **	None

* These two courses lead to a chartering certificate issued by ASBA (Association of Ship Brokers and Agents). See details below under "Chartering Certificate Program."

** These courses are required for the 21 credit MS degree Supply Chain Management option or for the certificate in Supply Chain Management.

All courses are not taught every term. Courses available during the current or next term may be found on the Maritime web site at www.sunymaritime.edu > Admissions > Graduate Admissions > (Term Name) Registration

Capstone Course or Thesis

Both the regular MS degree program and the SCM option may be completed by taking either a capstone course or by completing a two semester thesis.

9100	Capstone - Contemporary Topics in Ocean and Intermodal Transportation. Students perform directed team research and make a presentation to faculty and outside evaluators.	Successful completion of 24 credits with a cumulative GPA of 3.0
9201 & 9202	Thesis - two semesters totaling 6 credits- see page 23 for more details	



Special Degrees and Programs

Chartering Certificate Program

The Graduate Program in International Transportation Management also offers a Certificate Program in **Chartering** for **both degree and non-degree students**.

The Graduate Program offers two courses in charter parties, in cooperation with the Association of Ship Brokers and Agents (USA). This is the membership trade association of companies and individuals doing business in the United States as shipbrokers and/or ship's agents. The Association of Ship Brokers and Agents (USA) is the U.S. representative to the Federation of National Associations of Ship Brokers and Agents (FONASBA).



The first course, Advanced Charter Parties I (catalog number 8450) is a comprehensive survey of charter party negotiation and practice and includes an exhaustive review of the most frequently used time and demise charter parties.

The second course, Advanced Charter Parties II (catalog number 8460) is a comprehensive survey of the most frequently used voyage charter parties, and includes among its many topics a thorough analysis of the principles of playtime and demurrage.

A Chartering Certificate, issued jointly by the Association of Ship Brokers and Agents (USA) and the Maritime College, will be awarded upon the successful completion of the two-course sequence.

The Chartering Certificate may be earned by a non-degree student or a matriculated student in conjunction with, or independent of, the International Transportation Management Degree program.

Supply Chain Management (SCM) Program

The Maritime College graduate degree program in ITM offers those students who seek additional knowledge, understanding and expertise in managing supply chains the opportunity to obtain a professional certificate within the MS program by completing 21 specific credits within a 39-credit degree path.

Non degree and non matriculated students may also enroll into an optional certificate program. Upon successful completion of the required 21 credits with a minimum cumulative GPA of 3.0 (B) the successful student will be awarded a certificate in Supply Chain Management. Non matriculated SCM students may seek formal entry into the MS degree program at any time upon the successful completion of 12 graduate credits with at minimum a 3.0 (B) GPA.

Non matriculated students seeking specific graduate courses in the SCM certificate program may at the discretion of the Department Chair be required to meet Maritime College graduate admission standards and specific requirements of the Global Business & Transportation Department prior to enrollment.

Third Mate License / Graduate License Program (Merchant Marine)

You can also earn a Master Degree while pursuing a US Coast Guard license as **Third Mate of Steam and Motor vessels**. To qualify for the license, you must complete undergraduate courses in navigation, seamanship (and other requirements established by the U.S. Coast Guard) in addition to the MS curriculum.

The Third Mate license will entitle you to work onboard cargo, passenger cruise ships, and other merchant vessels as a ship's deck officer.

The graduate program license option is a rigorous three year course of study that leads to both your MS in International Transportation Management degree and a Federal License for Third Mate any gross tons. In addition to the master degree credits, students will take an additional 65 undergraduate credits, including three summer sea terms that are required for license. Students must meet all required U.S.C.G. standards for licensure, including physical standards, and must be affiliated with the undergraduate regiment of cadets. A commissioning option in the Naval Reserve is also available.

Required Courses for License:

PS 111	Professional Studies	3 credits
PS 113	Basic Safety Training	3 Credits
NAVG 112	Navigation I	4 credits
MT 510	Summer Sea Term I	6 Credits
METE 201	Meteorology	3 Credits

MT 259	Ships Construction & Stability	2 Credits
NAVG 301	Celestial Navigation	4 Credits
MT 520	Summer Sea Term II	6 Credit
MT 321	Cargo Operations I	3 credits
NAUT 304	Maritime Law	2 Credits
NAUT 305	Collision Avoidance	2 Credits
NAUT 308	Nautical Operations- Safety	2 Credits
MT 322	Cargo Operations II	3 Credits
NAVG 312	Electronic Navigation	4 Credits
NAUT 307	Nautical Operations-Legal	2 Credits
MT 530	Summer Sea Term III	6 Credits
MT 425	GMDSS	3 Credits
NAVG 402	Advanced Navigation	2 Credits
NAUT 408	License Seminar	2 Credits
NAUT 415	Bridge Watch Standing	3 Credits
PE 100	Swimming and Water Safety	1 Credit (highly encouraged)

For complete course descriptions of these courses please consult the undergraduate catalog

- Credit for any prior sea service is generally not granted and is up to the discretion of the United States Coast Guard.

Five Year BS / MS Degree Option

If you are an undergraduate student at S.U.N.Y. Maritime College, you may wish to earn both the Bachelors Degree and the M.S. in International Transportation Management.

If you are admitted to the BS/ MS "Fast Track" Program you can attain both degrees in as little as five calendar years. In order to qualify you must be enrolled in a prescribed undergraduate academic curriculum at the S.U.N.Y. Maritime College. During your senior undergraduate year, you must complete three graduate level courses in place of three undergraduate courses. If you satisfy this requirement you are automatically admitted, upon awarding of your B.S. degree, to the Graduate Program in International Transportation Management. Graduate admission fees are waived. Please contact the Graduate Admissions office at 718-409-2258 for more information on the "Fast Track" program.

Online/Distance Learning

In the spring of 2004 the Maritime College began to make its graduate course offerings available in an online format, known as distance learning. The classes now available in this mode have continued to grow every term until the six core required courses in the MS in International Transportation Management and many elective courses are now available in the online distance educational mode. **Students may now complete the regular 33-credit Master of Science program by taking all required courses online.**

For a better understanding of online distance education and how it differs from the traditional classroom mode of instruction see **Online Distance Education versus Classroom Learning** on the Maritime College's web-site.

For the graduate courses offered online please check the graduate course offerings prior to registration each semester. Questions relating to online education at the Maritime College may be further directed to:

Prof. James Drogan
 Director of Online Programs
 SUNY Maritime College
jdrogan@sunymaritime.edu or telephone 718-409-7289

Course Descriptions

Program Prerequisites

Three (3) Credits Each

6100-Quantitative Analysis for Business

An accelerated course especially designed to meet the needs of graduate students who have not had six credits in college level mathematics. Topics covered include: functions and graphs; derivatives; linear programming; introduction to probability and statistics.

6200-Economic Analysis

An intensive course in the analytical framework of macro and microeconomics. Includes basic applications of economic theory in the areas of national economic policy, the theory of the firm, and international trade. Required of all students who have not had at least six credits of principles of economics.

6300-Business Statistics

Descriptive and inferential statistics. Topics include: analysis of frequency distributions, probability, estimation, test of hypothesis, regression and correlation and analysis, and time series.

6400-Financial Management

The course offers a comprehensive survey of the significant functions performed by the corporate financial manager. Topics include: working capital management, capital budgeting, short and long term financing, cost of capital, capital structure and dividend policy.

6500-Marketing Management

Analysis, planning, implementation, and control of the marketing function. Topics include: marketing research and decision support systems, the environment; consumer and business markets and buyers behavior, segmentation and positioning, product promotion, price and distribution policies, strategic processes, marketing and society. Global considerations are evaluated. Case studies are employed in this course.

Management Core

Three (3) Credits Each

7060-Systems Analysis & Operations Research

This core course, one of six required core courses, provides the student with an introduction to systems analysis and operations research for managers. The course focuses on such topics as network analysis, project management, game theory, etc.

7100-Economics of International Trade

Prerequisite-6200 or undergraduate equivalent

A systematic analysis of the underlying determinants of international trade. Classical Ricardian theory of comparative advantage, neoclassical and current theories of international trade, Commercial policy and customs unions, monetary topics include: balance of payments, accounting and the adjustment process, foreign exchange markets, and the role of the dollar in international trade and international finance.

7200-Management Information Systems (MIS) in Transportation

This course introduces the student of transportation and logistics to the theory and practice of how information systems align with and support freight transportation and logistics processes. Focus is placed on the strategic processes of operations control, decision support, and customer in multimodal environments. Process models for these environments are presented and discussed, as are the techniques for data collection and capture, processing, communication, and presentation. The ultimate objective of the course is to provide the student with a working development to deliver usable and effective information systems.

7300-Transportation Management

The study of upper level management and the decision making process within the context of the transportation firm. Case studies and computer simulations concerning internal operations and profitable responses to changing industry trends are studied.

7400-The Logistics Channel within the Supply Chain

Prerequisite-For SCM option TMGT 7050 & 7051

This course seeks to focus on & explicates the logistics channel of the supply chain. This course prepares students to be logistics managers, to efficiently control the movement of goods, using processes that instill time and place utility from the beginning of the supply chain(sourcing) to its end(the ultimate destination of the delivered product).

7500-International Business & Transportation Law

Covers a diverse range of legal topics affecting transportation: Contracts, torts, agency and business organizations, international conventions pertaining to sea, air and overland carriage of goods and passengers, licensing agreements, anti-trust laws, international taxation; expropriation, international labor law and related topics.

Elective Courses

The following courses are elective courses in the MS degree program and are three (3) credits each:

8110-Economics of Transportation

Prerequisites-6100 and 6200 or undergraduate equivalent

Economic analysis of transportation decision-making. Topics include: demand, cost, analysis of rate determination, taxes and subsidies, government regulation and resource allocation, study of competitive and noncompetitive forces in a regulated and deregulated environment.

8120-Topics in Managerial Economics

Prerequisites-6100 and 6200 or undergraduate equivalent

Application of quantitative methods to economic decision-making. Topics include: optimization techniques, demand theory; cost theory, econometric estimation, market structure, pricing practices, antitrust, capital budgeting, and forecasting.

8130-Economics of Ocean Transportation

Prerequisites –6200 or undergraduate equivalent.

Topics include: transportation planning; vessel suitability; capital, operating and voyage costs. Development of financial models for comparing movements using cost per delivered unit of cargo. Examines movement planning and the valuation and acquisition of vessels.

8140-Seminar in Shipping Economics

Prerequisites-6100, 6200 or undergraduate equivalent

Application of economic analysis to issues of major concern to shipping firms, and to the shipping industry as a whole. Topics covered include: analysis of the market structure of the shipping industry, the supply of shipping services, the costs to the firm, pricing shipping services, determination of freight rates, shipping and the balance of payments, government policies affecting shipping, subsidies, cabotage, and tariffs.

8150-Transportation Benefit-Cost Analysis

Prerequisites-6100, 6200 or undergraduate equivalent

Techniques for the profitable evaluation of a project's merit and cost, whether in the public or private sector. These include business and asset acquisitions, transportation projects, proposed or existing government regulation, taxes, subsidies, grants, among others.

8160 – Systems Analysis and Operations Research

Prerequisite –6100 or undergraduate equivalent.

Introduction to systems analysis and operations research for the manager. Topics include: modeling, linear programming, network analysis, project management, queuing theory, simulation, game theory, among others.

8210-Transportation Managerial Accounting

Application of accounting principles to managerial decisions in various transportation modes, including vessels, air carriers and motor freight operations. Includes the treatment of revenue and expense; agency; branch and ship accounting; subsidy treatment; governmental uniform system of accounting and reporting; foreign exchange; and other financial aspects of international and domestic transportation. The role of computers in integrating the accounting systems with management, planning and operating information systems.

8220-Financial Decision Making in Transportation

Prerequisite-6300, 6400 or undergraduate equivalent

Topics include: required rate of return, capital assets, pricing models, capital budgeting techniques, and sources of long term capital.

8230 – Ship Finance

Application of financial tools to ship and fleet financing. Topics include: economic analysis of the sale and purchase, new building and second hand markets, sources of financing, bareboat and sale / leaseback arrangements, mortgage requirements, estimating profitability of charter party time and spot transactions, valuation of prospective purchases, evaluating shipping enterprises, among others.

8240-International Trade Transactions

An intense survey of international trade transactions. Topics include: negotiating international sales contracts; export controls, documentary letters of credit, standby and bid type letters of credit,

the Uniform Customs and Practice for Documentary Credits, U.S. Customs' procedures, freight forwarding services, the NVOCC, insuring against credit risks and government assistance to exporters.

8250-Transportation/Environmental Policy

An introduction to the overall structure and design of environmental law in the United States and in the international community. Closer examination of specific cases, statutes and treaties affecting marine transportation, marine natural resources, pollution and development. Consideration of environmental policy impact in a cross-cultural context is also examined.

8260-Industrial Relations in Transportation

Contemporary trends in transportation industrial relations, the dilemmas, conflicts, and challenges associated with the employment relationship. Topics include: union organizations and structure; labor legislation, the theory of negotiation and strategic approaches to collective bargaining, and the limitations on the freedom to strike. An assessment of the unions' impact on wages, prices, profits, technological change, and management actions will be made.

8270-Ship Management

This elective course is a study of the many functions performed by shore side management while operating merchant vessels. Topics include: the evolving role of the ship's manager, ship management agreements, crewing agencies, crewing problems and agreements, bunker procurement, quality and control, sale and purchase of vessels, demolition, vessel agencies, managing operating and running costs, voyage estimating, vessel maintenance issues, risk management, ISM compliance, classification societies, working within the regulatory environment, among others.

8280-Fleet Management

A comprehensive analysis of the principles of fleet operations and maintenance to obtain a higher degree of productivity and cost effectiveness. The course includes: forecast fleet requirements, vehicle maintenance, vehicle operations, fleet economics, budget organization, safety and fleet security, energy efficiency, data processing, and labor relations.

8290-Transportation Planning

Transportation systems are compared within the context of the shipper/carrier relationship. Distribution patterns are investigated in ocean, inland waterways, rail, trucking, air, and pipeline modes. Topics covered include: carrier organization and operation, competition and operation, competition and cooperation, intermodal transportation, ratemaking negotiations and practices, carrier liability and government regulations.

8310- Organizational Management

This course concentrates on managerial strategy formulation, i.e., creation of goals, objectives and plans along with the organizational implementation factors of organizing, directing (motivating & leading), and controlling. The course also focuses on ethical decision making and organizational social responsibility. Students enrolled in this course will develop "strategizing and executing skills" that will enable them to provide competitive advantages, value and successful leadership to their respective organizations in the 21st century global economy.

8320-Ports and Terminal Management

The course consists of an inquiry into the basic concepts and principles of seaport management. It stresses U.S. public ports, while providing an insight into the port problems of developing nations. Included topics are: operations, organizational structure, powers, public policy, economics, planning, marketing, technology and regulation.

8330-Analysis of Integrated Ocean Transportation and Ports

Topics studied include: ocean routes, terminals, free ports, cargo handling & stowage, charter parties, theory of rate-making, rate practice and control, pools; agreements, economic aspects of selected ports, the relation of facility to its hinterland, costs of shipping through the facility, competitive position, labor costs and productivity, construction and rental costs, governmental agencies, port authorities and commissions.

8340-Dry and Wet Bulk Vessel Operations

Analysis of dry bulk and tanker vessel operations in the tramp market from both the shore side and shipboard perspective. Discusses development in dry bulk and tanker markets, the supply and demand of vessels and evolving shipboard technology.

8350-Analysis of Air Transportation & Airports

A comprehensive analysis and evaluation of air transportation and airport organization and practices. Consideration is given to the changes in management and marketing in international trade, as influenced by the progress of commercial air transportation. Special emphasis is placed on the relationship between the various components of the air transportation system, physical planning, the role of government in air transportation, environmental concerns, forecasting, economic aspects of selected airports, competitive position, construction and rental costs, and airport authorities and commissions.

8355-Selected Topics in International Aviation Transportation Management

Covers changing, discrete aviation transportation issues in an "issue management" approach. Issues include privatization, aircraft technology, security, facilitation, technology applications. Students do a term paper and oral presentation on an issue they select.

8360-Intermodal Freight Transportation

This course examines the evolving role of intermodal transport as a natural extension of containerization. It includes a thorough examination of historical and evolving technology, in both regulated and deregulated environments.

8370 – Shipboard Operations for Shore side Managers

This very specialized course is held at sea onboard the College's Training Vessel, Empire State VI. The student is introduced to shipboard operations, navigation, vessel safety, bridge watch standing, marine engineering and related topics. The student can expect to spend approximately one week at sea during the month of May or June and the balance of his / her time in a traditional classroom environment.

8380 – Bunker and Aviation Fuel Markets

Topics include: marine fuel, lube and aviation fuel oil markets, contracting, pricing, hedging tools, quality issues, risk management; environmental concerns, role of brokers, among others.

8390-Maritime Port Security

The objective is to educate the student in the potential risks of terrorism in the form of chemical, biological and nuclear strike. In addition, the course exposes the student to unconventional attempts of sabotage and terrorism, and introduces new safeguards in the Maritime Industry to avert any future attack similar to 9/11. This course will prepare the student for doing transportation business under new heightened security conditions. This is an essential course for the future or current manager to understand and respond to the security threat facing transportation companies today.

8420 - Ocean Marine Hull & Protection & Indemnity Insurance

Ocean marine hull and protection and indemnity policies, clauses and interpretation are studied. Topics include: hull markets, total losses, averages, perils insured against, running down liabilities, sue and labor, general average, hull valuations, war risks, P and I clubs, covered risks, charterers' and bailees' legal liability, reinsurance, functions and problems of brokers, agents and underwriters, hull and P and I underwriting, among other topics.

8430 - Ocean Marine Cargo Insurance and Loss Adjusting

Topics include: major classes of cargo, policy interpretation, premiums, cargo valuation, packing, handling and susceptibility to damage, perils insured against, general average and salvage, warranties, war risks, strikes and riots, duty insurance, contingent freight, reinsurance, subrogation, duties of brokers, agents and underwriters, principles of cargo underwriting, methods of adjusting losses sustained by ships and cargoes, particular and general average; evaluation of losses in terms of insured values, the role of the adjuster. This course is designed to give brokers, underwriters, claims handlers and insured's a better understanding of how to manage risk and how a claim meets the final test of coverage and loss adjustment.

8440 - Maritime Law

This course provides a comprehensive survey of the principles of admiralty law. Topics include: admiralty jurisdiction and procedure, bills of lading, charter parties, salvage, general average, maritime liens, rights of seamen, maritime tort law, collisions, towage contracts, pilotage, limitation of liability and marine pollution.

8450 - Advanced Charter Parties I *

Topics include: ship brokerage and commissions, negotiating charter parties, application of contract and agency law to charter parties, time charter party forms and clauses, payment of hire, off-hire clauses, overlap and under lap, withdrawal, speed and fuel oil consumption warranties, seaworthiness warranty, bills of lading under charter parties, the Inter - Club Agreement, maritime liens and prohibition of liens, demise charter party terms, conditions and consequences.

8460 - Advanced Charter Parties II *

Topics covered include: voyage charter party forms and clauses, calculation and payment of freight, laytime, demurrage and dispatch, detention, safe port and safe berth warranties, frustration of charter parties, special problems associated with tanker and bulk grain charter parties, tanker freight market, contracts of affreightment, general average under charter parties, the arbitration of charter party disputes, and insuring against charterers risks and third party liabilities.

*These two courses and an examination lead to a chartering certificate issued jointly by ASBA and the Graduate School.

8470 – Transportation Risk Management

The overall objective for this course is to demonstrate professional competence in handling transportation risks. After successful completion of the course students should be able to identify and analyze transportation loss exposure, analyze different types of transport coverage, recommend appropriate insurance provisions and loss control measures in order to properly manage risk associated with marine transportation. Areas covered include marine terminal, freight forwarding, shipbuilding, and cargo risk management.

8480 – Managing Across Cultures

This course deals with the identifying and understanding the cultural issues that impact senior and middle management of a global transportation business. Alternative actions and implementation details rising from this understanding are discussed. Cultural Acumen for the Global Manager - Lessons from Project GLOBE, forms the basis for this class.

8490- Case Studies in Supply Chain Security

This course is an elective in the SCM emphasis in the ITM degree program. The course explores the applications of security within the global supply chain extending from the sourcing of raw materials to the ultimate destination of the product or service. Students will evaluate the multiple perspectives of security that impact the strategic, operational, tactical, personal, informational, and physical aspects of the supply chain and examine the interplay of security & efficiency in the business decision making construct. The case study format allows for detailed analysis of the particulars of supply chain vulnerability and the formulation of plans to address the

issues uncovered. Practical application of security concepts, clear and concise communication of possible mitigation strategies to decision makers will be highlighted.

8501- Principles of Supply Chain Management I

This course is the first of two prescribed supply chain field courses in the sequence for the SCM certified field of emphasis within the ITM degree program. The course introduces the student to the concept of supply chain management, and focuses on the issues of integrating the channel functions of extended supply chains. The course explicates the major channels of the supply chain, delineates functional areas wherein products and services are transformed incrementally to final form as they move through the supply chain, surveys the major technologies in use today, and surveys both qualitative and quantitative managerial techniques.

8502- Principles of Supply Chain Management II

Prerequisite: 8501 Principles of Supply Chain Management I

This course is the second of two prescribed field courses in sequence for the Supply Chain management field of emphasis in the ITM degree program. The course explores: the management functions of planning, organizing, and controlling, strategic planning, vision & mission, strategic goals and tactical objectives. The course further examines the logic of collaboration in today's business environments, domestic & global, and examines globalization issues deriving from cultural, economic and political contexts.

8505- ITM Internship

Prerequisites: ITM Supply Chain emphasis requires completion of 24 credits with a 3.0 GPA and completion of 4 of the 6 core courses: 7060, 7100, 7200, 7300, 7400 and 7500. For students matriculating only in the SCM certificate track 7200 & 7400 are required

The Internship in ITM will provide practical, hands on experience that will facilitate a student's segue into a professional position. There are many different career tacks possible in international transportation management; however, the main criterion for approving an internship is whether the worked performed, mentoring given, and lessons learned can, in the judgment of the supervising faculty member and GBAT Department Chair, be applied directly to International Transportation Management. A successfully completed ITM internship will satisfy one of the program's 3-credit elective requirements. The internship may be either paid or unpaid, and credit is granted for both.

8510-System Design and Control

Prerequisite: 6100 or equivalent

This course examines the consequences of global markets, specifically, successful competition in an uneven cultural, economic, political and social playing fields that requires deriving cost efficiencies from constantly re-engineering extended supply chains. The best of the re-engineering takes a total cost analysis approach, viewing all parts of the supply chain as an integrated whole and leaving nothing in isolation. Students are introduced to the design and control techniques that derive from a systems approach.

Capstone Course or Thesis

There are two alternative paths to complete the Masters Degree program: the capstone course or the thesis:

9100 - Contemporary Topics in Ocean and Intermodal Transportation

Students perform directed team research and make a presentation to faculty and outside evaluators.

3 credits

Prerequisite: The completion of twenty-four (24) graduate level credits. In addition, all prerequisite courses must be completed and the student must have a cumulative grade point average of 3.0.

9200 - Thesis

A graduate student works with a supervising faculty member as an alternative to a (3) credit capstone course. The thesis is individual study and research, over two semesters, and is worth 6 credits.

Prerequisite: The completion of twenty-four (24) graduate level credits. In addition, all prerequisite courses must be completed and the student must have a cumulative grade point average of 3.0. The student must negotiate with and get agreement from a faculty member to supervise the thesis.



Students watch their fellows in a graduate capstone team present their project on an intensive weekend of presentations and Q & A by an expert panel of professionals.

Admission Procedures

To apply for admission, a student should do the following:

Application Package

The application form may be downloaded from the Maritime website at

http://www.sunymaritime.edu/1ngot/pdfs/graduateprogram/grad_application.pdf

Complete the application packet outlined on the cover page of the application and send it to:

S.U.N.Y. Maritime College
Graduate Admissions Office
Attn: Maj. Gen. Robert L. Wolf
6 Pennyfield Avenue
Bronx, New York 10465

Application Deadlines

Applications should be submitted as early as possible prior to the beginning of the semester in which you wish to begin your studies. Application deadlines are December 15 for the January term, April 15 for the summer term and August 15 for the September term. Students who are applying for the graduate license option must meet earlier deadlines; please consult with the Graduate Admissions Office. We will process your application packet as soon as we have received all required documents. You may begin studies the semester directly following the receipt of your acceptance letter, provided the semester is not already in session.

Foreign students should allow at least 6-8 weeks to process the student visa application or possibly longer, depending on your country of origin. NOTE: This process does not begin until you take your Form I-20 to your local U.S. consulate.

Form I-20

The Graduate Admissions Office will issue a Form I-20 once you apply and are accepted into the program, but not before. Just because you have been admitted does not mean that you automatically will receive a FORM I-20. You must be able to verify significant financials.

Information on how to obtain your Form I-20 from SUNY Maritime College may be obtained by telephoning Ms. Natalie Caesar at 718-409-7285 or e-mailing her at ncaesar@sunymaritime.edu

The Graduate Admissions Office and the State University of New York will comply strictly with all regulations regarding student visa. These regulations are subject to change by the Federal Government. Any fraudulent or misleading information on immigration papers will be reported to the USCIS and/or the Department of Justice as appropriate.

Non-Degree Students

Students may be admitted to graduate study as non-degree students. These students may take a maximum of 12 credits in a non-matriculated status. They may pursue program prerequisite, elective, and certificate courses only. If, after taking several courses, a non-degree student wishes to enter the degree program all course work will be transferred

Academic Regulations and Procedures

The Graduate Program in International Transportation Management operates on a three-semester calendar.

- Fall Semester – approximately Sept. 1 – Dec. 21
- Spring Semester – approximately Jan. 15 – April 30
- Summer Semester – approximately May 15 – June 21

Registration materials are posted online approximately five weeks before the beginning of each semester. This consists of a list of courses offered, current fees, course schedules, a course registration form and related materials.

Registration is the responsibility of the student and must be done through the Maritime website at

<https://register.sunymaritime.edu/cgi-bin/login.mbr/login>

Your student ID and PIN number are required for registration.

Because registration is on a first-come, first-served basis, you should submit your course registration form as early as possible.

Subsequently, an official registration form and tuition bill will be sent to you confirming registration.

Please check the dates for the beginning and end of each semester and coordinate your travel accordingly.

Responsibilities of all Graduate Students

- All students are responsible for keeping up with information via the SUNY Maritime College Website especially the registration material that is made available every semester
- All students are to have a Maritime email address that they are to monitor regularly. THIS IS HOW WE GENERALLY SEND INFORMATION; IF YOU DO NOT CHECK YOUR EMAIL YOU WILL NOT BE INFORMED. If you registered for classes then you have an e-mail address; if you are unsure how to access your e-mail you may contact 718- 409-7285 or 718-409-2977 for assistance.
- Graduate students should also provide a current local address, telephone number and alternative e-mail address to the Graduate Admissions Office or advisor at the beginning of each academic year. Any changes should be communicated to the Graduate Admissions Office or the advisor immediately.
- You are responsible for adding a course and or dropping a course after the term starts. You must follow the rules, and fill out the correct forms. Forms can be found at www.sunymaritime.edu in the Registrar's section of the website, under downloadable forms. If you need to add or drop a course, you must follow the rules; if you are confused you may consult the website or telephone the office at 718-409-7285. You will be held accountable for your own registration and schedule.
- Once you register it is your responsibility to pay your bill. The Bursar should send you a bill, but DO NOT WAIT. After you register contact the bursar and make your payment to

avoid any late fees; you may contact the Bursar's Office at 718-409-7400 or via e-mail at studentaccounts@sunymaritime.edu.

- If you are unclear about procedures contact the GBAT Department right away so that we may help with the problem before it is too late.
- All students within the graduate degree program are required to maintain a 3.0 Grade Point Average.
- You must apply for graduation at least two months prior to your expected date of graduation and failure to do so may result in your not receiving a diploma and not participating in the graduation program. For more information on graduation requirements you may contact the Registrar's Office at 718-409-7264 or e-mail Ms. Carol Roth at croth@sunymaritime.edu.

Responsibilities for International Graduate Students

- All International Graduate students MUST TAKE AND PASS AT LEAST NINE CREDITS EVERY SEMESTER. There are no exceptions. If you think you are doing poorly in a course, or are in danger of failing, come to the International Student Advisor and let her know you are in trouble.
- If you fail a course and drop below full-time you must come and see the International Student Advisor. If you do not you will be out of F1 student status. You will then need to apply for reinstatement with USCIS.
- Please read the 2nd page of your I-20, this has many of the rules and regulations you need to be aware of. By signing the I-20 you are certifying that you have read the information on the I-20 and that you are willing to comply.
- Do not work at any job unless you are authorized to do so by the US Government
- You should have received an International Student Handbook at Orientation which covers your rights and responsibilities as a graduate student. This is a great resource for you and it must be read and understood. Please contact the office at (718) 409-7285 or ncaesar@sunymaritime.edu if you need a copy.
- The USCIS government website completely outlines the rules and regulations of your stay here in the States. <http://uscis.gov/lpBin/lpext.dll/inserts/slb/slb-1/slb-10548/slb-16866/slb-17353?f=templates&fn=document-frame.htm#slb-8cfrsec2142f> Click here for complete rules and regulations of your stay in the United States.

Changes in Registration

You may be allowed to change your course registration. All requests for changes must be submitted in writing to the Graduate Program in International Transportation Management.

NOTE: You may incur fees.

Addition of Courses

You may register for additional courses without penalty as long as the semester has not begun. However, a late fee of \$40 will be assessed if you add courses or choose to register during the first week of classes.

You may not register for courses, and no additions to registration will be allowed, after the completion of the first week of classes. Review the ***Academic Calendar*** on the SUNY Maritime College website and make note of important deadlines that affect you. All students are expected to be responsible and comply with published deadlines and requirements.

Withdrawal from Courses

You may withdraw from a course at any time before that course begins. You will receive a "W" grade if you withdraw from a course after the first day of class and at any time during the first nine weeks of the semester. You will be sent an adjusted tuition bill based upon the following refund schedule:

Refund Policy Schedule	
Withdrawal Date	Tuition Liability
1 st Week	0%
2 nd Week	30%
3 rd Week	50%
4 th Week	70%
5 th Week	100%

All requests for withdrawals must be submitted in writing to the Graduate Program in International Transportation Management. Please note that withdrawals requested after the ninth week of the semester will result in a "WF" grade with full tuition charge.

Transfer Credits

A maximum of nine (9) credits of graduate course work with a minimum grade of "B" may be transferred from other institutions. The courses must have been completed at an accredited institution and not have been already applied toward another graduate degree; all transfer credits are subject to approval by the Chair or Vice Chair of the Global Business & Transportation Department. The Global Business & Transportation Chair or Vice Chair also must grant permission before registering for course work at another institution. All graduate credits earned prior to admission must be submitted on official transcripts along with undergraduate records. *There is no transfer credit limitation for Program Prerequisite Courses.*

Transcripts

Official transcripts are records of the student's academic career and are sent directly to schools, employers and other agencies upon request. Student copies may be obtained without the official seal of the College. Contact the registrar's office for appropriate fees.

Time to Complete Degree

You can complete the MS degree in as little as **one year**. However, the degree must be completed within a **five-year** period from the date of your initial course registration. If you do not complete the degree's requirements within this time period, you must request readmission into the program. You are subject to the rules, curriculum and procedures in effect at the time of the request for readmission.

Grading

Course work of graduate students is evaluated as follows:

Letter Grade	Grade Points per Three Credit Hour Course
A	12
A-	11
B+	10
B	9
B-	8
C+	7
C	6
C-	5
F	0
WF	0

The above grades are included in all Grade Point Average (GPA) calculations. The grades listed below may be recorded on the transcript, but are not included in Grade Point Average (GPA) calculations:

W Withdrawal (during first nine weeks of semester)

I Incomplete*

* A professor may choose to assign an incomplete ("I") grade to a student who is doing passing work, but is unable to complete the course requirements. If an "I" grade is assigned, the responsibility for finishing the course work rests with the student. If the course requirements are completed to the professor's satisfaction **before approximately six weeks have passed in the following term** the "I" grade will be removed and another grade substituted. If a student fails to remove the "I" grade by the end of the following semester, **the "I" will automatically be replaced by a failing "F" grade.**

Academic Integrity

In order to maintain the highest standards of scholarship, the graduate school has a zero tolerance policy in cases of plagiarism and academic dishonesty. Any student found violating this policy will immediately fail all courses and be asked to retake all courses from that semester. Students who violate this policy more than once will be asked to leave the program.

Maritime policy on academic integrity may be found on the Maritime website at

http://www.thezonelive.com/zone/02_SchoolStructure/NY_SUNYMaritimeCollege/handbook.pdf

Calculation of Grade Point Average (GPA)

The GPA is calculated by dividing the total number of earned grade points by the number of credits completed. Transfer credits, authorized withdrawals, and incomplete grades are not included. Initial grades obtained in courses that are later repeated are also not counted for GPA purposes. Program Prerequisite Courses taken at this institution are counted only for matriculation purposes and are not used for calculation of Grade Point Average, admission to a Capstone Course, or for graduation.

Matriculation

Matriculation means that you have completed at least 12 credits within the Graduate Program of International Transportation Management and have achieved a Cumulative Grade Point Average (GPA) of at least 3.0. You must matriculate in order to continue working towards the Masters Degree.

Graduation Requirements

You must obtain a grade point average of at least 3.0 in order to graduate with your MS degree from the Maritime College. This does not include courses completed as Program Prerequisites or courses transferred from other institutions. In addition to the 3.0 GPA, all course requirements must be met including the successful completion of course 9100 or 9200. *Students obtaining a 3.8 GPA will graduate with honors.*

Auditing Classes

A matriculated student who wishes to audit a course needs to register accordingly and will be charged regular tuition.

Tuition and Fees

The State University of New York establishes tuition charges.

Students will fall into the following categories for tuition purposes:

- **In-Region Student** - Any resident of: **New York, Connecticut, Delaware, Maryland, New Jersey, Pennsylvania and Virginia**, and a citizen of the United States or a foreign national with a Permanent Resident status (copy of "green card" on file) and has resided in the listed states for at least 12 months prior to registration.
- **Out-of-Region Student** - Any student who **does not** reside in the listed states and all foreign nationals who do not meet the qualifications stated above.
- **Part-time Student** - A student registering for less than 9 credits.
- **Full-time Student** - A student registering for 9 or more credits.

Please note that tuition and fees are subject to change at any time in accordance with policies established by the State University of New York.

Current SUNY Maritime College graduate tuition costs, fees and expenses are found on the Maritime College's web-site, www.sunymaritime.edu and may be accessed by scrolling down to the Graduate Program, Expenses and Fees.

Billing

The college will send you an invoice for tuition and fees after you register. Please note that a Past Due Balance Fee of \$30 will be assessed if tuition and fees are not paid on a timely basis. Failure to satisfy tuition charges or fees may result in suspension from the graduate program. Students with outstanding balances will have all grades withheld and further registration denied until all charges are paid in full.

Refund Policy

Withdrawal Date	Tuition Liability
1 st Week	0%
2 nd Week	30%
3 rd Week	50%
4 th Week	70%
5 th Week	100%

Registration and other fees are not refundable.

Financial Aid

We hope to assist as many students as possible that do not have sufficient resources to meet all tuition and related fees. Applications for financial assistance are accepted and awards made without regard to race, color creed, sex or national origin.

There are many financial aid programs and scholarships available. These include:

- New York State Tuition Assistance Program (TAP)
- New York State Educational Opportunity Program (EOP)
- New York State Minority Graduate Fellowship Program
- New York State Aid to Native Americans Program
- Robert T. Stafford Student Loan Program
- Advanced Institute for Transportation Education Graduate Scholarship Program

- Veterans Administration (VA) Assistance

There is also much that you can do.

The Financial Aid Office personnel can provide you with additional information.

They can be reached by phone at 718-409-7267 or by fax at 718-409-7275.

The Stephen B. Luce Library



The Stephen B. Luce Library is named in honor of Admiral Stephen Bleecker Luce (1827-1917), outstanding educator and seaman, author of the classic text **Seamanship**, and an effective and persistent advocate for the establishment of state nautical schools and improved training for merchant marine officers. On December 10, 1874, the then Captain Luce personally transferred the school's first training ship, naval sloop-of-war, [USS St. Mary's](#) to the Executive Committee on the Nautical School of the City of New York.

The Luce Library, recipient of the AIA/ALA award of merit for outstanding library design, occupies 19,000 square feet of the north wing of historic Fort Schuyler on the Throggs Neck peninsula in the Bronx. [Fort Schuyler](#), a granite two-story pentagonal fortification, was built in the early nineteenth century and served as part of New York City's coastal defense, affording protection against invasion from the Long Island Sound.

The library plays an essential role in the educational program of the graduate MS degree. It has a superb reference, bibliographic, and circulating collection of books and other materials. Its collection of materials on the business of shipping, transportation, international trade and related topics is world-renowned.

e Resources/Technology

Luce Library resources are accessible through the library's web portal at <http://www.sunymaritime.edu/stephenblucelibrary>. The library's online catalog, the Sextant, is the tool to research all the holdings in the library. Patrons have access to the OCLC Worldcat catalog to check over 98 million bibliographic records of books and other collections held in libraries worldwide. Luce Library's electronic journals collection consists of thousands of titles of full text journals, magazines, and newspapers accessible through an array of online databases. Other electronic collections include over 5,000 titles of eBooks and a digital collection of archival documents. All the library's online resources are accessible 24/7 from anywhere on campus and anywhere remotely via proxy server authentication. The library is also a designated wireless hotspot providing wireless Internet access from any areas within the physical facility.

Library Services/Information Literacy

Professional reference and research assistance is always available during the academic year. Students can sign up for an individual research consultation and meet one-on-one with a reference librarian. In addition, library and information specialists regularly provide class instruction on library resources and prepare special presentations on specific subject areas of the collection. To satisfy the need for students to develop information literacy skills and become lifelong learners, the library has developed an online information literacy tutorial complete with modules to teach all aspects of information researching. The tutorial is now accessible via the library web portal.

Research materials not available in the library's collection can be obtained through interlibrary loan (ILL) service. Requests for ILL can be made online, or in person at the Circulation Desk.

General Collections

Circulation and reference holdings represent a well-rounded collection of over 85,000 volumes with special strength in the business of shipping, marine engineering, naval architecture, oceanography, transportation economics and management. The library currently receives over 500 titles in its print periodicals and Marifiles collections.

Special Collections

- Government Documents- Luce Library is a selective depository of U S Government documents receiving several thousand maritime-related publications yearly.

- Thesis - approximately 600 bound thesis prepared by the graduate students since 1972 covering a large variety of topics in shipping business and transportation.
- Technical Reports - approximately 4,000 recent maritime oriented research reports in paper and microfiche format.
- Maritime History - a collection of texts on nautical education and historical treatises on marine engineering, marine transportation, maritime labor, the merchant marine and naval architecture.
- Robert W. Gove Collection of Professional Literature – a circulating collection of over 700 books designed to stimulate a love of the sea and foster a better understanding of the seagoing profession and life at sea.
- Marifiles - a computer-indexed collection of maritime-related information materials stored in vertical files.

Archival Collections

- **College Archives** - includes institutional records, and publications, historical materials on Fort Schuyler, photo collection, and papers of notable alumni.
- **Marine Society of New York** - Journal of Proceedings, Minutes of the Standing Committee, Treasurer's Account, Minutes of Annual Meetings, and other documents dating from 1769-1967.
- **Sailor's Snug Harbor** – Institutional records for period 1792-1972.
- **Sandy Hook Pilot Association** – Pilotage books, daybooks and logs for the period 1845-1964.

Lecture and Exhibition Programs

The library sponsors a series of programs characterized by their variety and cultural values. These programs include lectures, solo and ensemble performance, demonstrations and readings. The library also coordinates an active exhibition program that provides a wide range of in-house and cooperative displays during the academic year.

Other Facilities

Dormitories

Graduate students may live in the College's dormitories located on the Bronx campus as space is available. Dining facilities and a lounge with recreational facilities are also available for residential use.

Please consult the college's web-site for all current on campus housing and related insurance costs @ www.sunymaritime.edu

Additional On Campus Fees

Please be advised that Graduate Students residing on campus must remit payment (entire semester's room rent and on Campus Fees) in full directly to the Office of Student Accounts and provide a receipt to Facilities Director in order to receive a room key.

Director of Facilities - Phone: 718-409-7212 Fax: 718-409-5792

The majority of our graduate students live off campus. Off campus housing is the responsibility of the individual student. Unfortunately, we do not have on-campus accommodations for family living or apartment

style accommodations. It may be helpful to check the listings in the following local newspapers www.nytimes.com and www.nydailynews.com.

Parking

Parking at no charge for Saturday Classes is available at the Bronx campus. On campus parking for resident students is also available. *Phone: 718-409-7212*

Medical Facilities

The College maintains a well-equipped dispensary. The services of a medical officer are available for referrals. *Phone: 718-409-7347*. Emergency treatment is available at nearby hospitals.

College Book/ Ship's Store

The College's bookstore, located on the Bronx campus, sells course textbooks, clothing, personal items and miscellaneous products. *Phone: 718-409-7342*

Health and Physical Education Building

The College maintains a gymnasium, swimming pool, four combination handball/racquetball courts, body mechanics room, multipurpose (wrestling, judo and fencing) room, rifle range, conference room, band room and weight training room which are available for your use.

Medical Insurance

The State University of New York has established a mandatory health insurance program for the protection of all international students. Insurance identification cards are issued for each semester. You may be entitled to an insurance waiver if you are an international student and already possess medical insurance that provides sufficient insurance coverage. NOTE: Proof of insurance is required to waive the mandatory health insurance program.

On Campus Employment

A limited number of part time on campus positions for graduate students eligible to work in the U.S. may be available from time to time. Contact your major department for additional information, or to see if any opportunities for part time employment are currently available.

The Maritime Industry Museum at Fort Schuyler

A Welcome Message from the Executive Director

Welcome to the Maritime Industry Museum at Historic Fort Schuyler. Founded in 1986, the museum features paintings, prints, artifacts, and over 700 ship models. A walk through the Maritime Industry Museum brings with it a vivid presence of seafaring in both bygone years as well as today's present era. The exquisitely fashioned ship models, historic artifacts, nautical photographs and prints, and the host of corporate banners identifying exhibits of the respective steamship companies gives the visitor a true sense of being at sea with those individuals who have

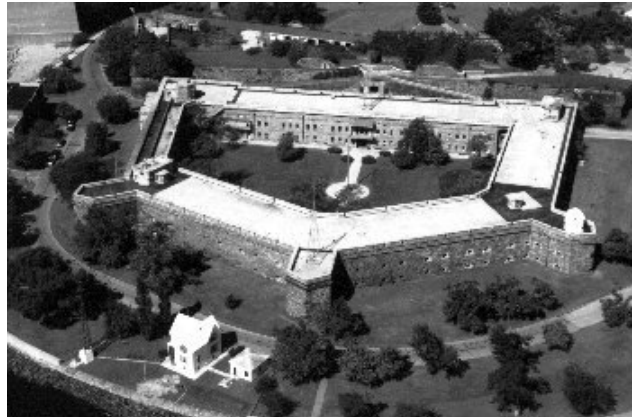
experienced life in the merchant marine or passenger ship industries. I encourage you to familiarize yourself with the museum's collections and to take advantage of these outstanding collections.

Capt. Eric Johansson, Executive Director & Associate Professor

Marine Transportation Department

The Maritime Museum

The Maritime Industry Museum at Fort Schuyler is housed on the campus of the State University of New York (SUNY) Maritime College at historic Fort Schuyler, The Bronx, and New York. Four sides of the irregular pentagon-shaped edifice face Long Island Sound and its juncture with the East River, and housed the heavy guns which formed the fort's original armament to protect this strategic water way. One of these sides has since been converted to a library. The two other sides, partially used as classrooms, are principally dedicated to the maritime museum. Visitors to the museum enter through the fort's sally port across St. Mary's pentagon, and enter the center bastion.



Overhead view of historic Fort Schuyler



Courtesy: Maritime Industry Museum



Sextant, from the museum collection



Wheelhouse exhibit

Graduate Program Faculty

Joseph Ahlstrom, Professor, Marine Transportation Department

B.S., M.S., SUNY Maritime College; Federal License: Master of Steam and Motor Vessels, Any Gross Tons, Oceans; Radar Observer, General Radio Operator; CDR,USNR; Arbitrator, N.A.S.D; Past Master, Training Ship "*Empire State VI*"

James Drogan, Senior Lecturer, Global Business & Transportation Department

B.S., Southern Illinois University; Railroad Institute, Harvard Graduate School of Business; Systems Research Institute, IBM; Railroad Institute, Multisystems, Inc.; The Special Studies Program in Transportation: Transportation System Management and Analysis, Massachusetts Institute of Technology; The Special Studies Program in Transportation: Logistics Analysis for Carriers and Shippers, Massachusetts Institute of Technology; Advanced Freight Seminar, Northwestern University Transportation Center. Teaching and research interests are in the area of supply chains, business design and information technology strategy.

Robert G. Edmonds, Lecturer and Vice Chair, Global Business and Transportation Department

B.A.,M.A., History St. John's University, MBA Kensington University, D.B.A. California Southern University. Dr. Edmonds has over 25 years in the marketing and sales area and his teaching and research interests are in international business and marketing, the impact of trade blocs, NAFTA & the EU, contemporary management issues and the development of case studies for management and international business courses.

Larry Howard, Professor and Chair, Global Business and Transportation Department

B.A., M.S., Ph. D Political Science, University of Washington; Teaching and research interests are in the areas of international business, supply chain management, and security.

Walter Nadolny, Assistant Professor, Marine Transportation Department

Captain Nadolny teaches both Graduate and Undergraduate courses in Environmental Policy, Environmental Law, Government Transportation Policy, Ships Construction and Navigation. He is a master mariner and a graduate of the SUNY Maritime College and has done extensive graduate work at Tufts University and MIT in Environmental Policy & Planning and Coastal Zone Management. He has been employed in industry by Exxon International, Carnival Cruise Lines and Norwegian Cruise Lines in an environmental capacity. Capt. Nadolny's research interests include: Resource Depletion, Climate Change, Zero Discharge Ships, and Minimizing of Shipping Effects on Highly Sensitive and Critical Environments. In addition to his teaching responsibilities Capt. Nadolny is the advisor to the Environmental Club and serves as the Music Director of the College's band.

Riccardo R. Pellicciaro, Professor of Economics and Finance, Global Business and Transportation Department

B.A., Hunter College (CUNY); M.A. Queens College (CUNY); Ph.D.,Fordham University, Financial Economics. Teaching and research interests are in the areas of corporate finance, shipping finance, quantitative methods and statistics.

Janis Schulmeisters, Lecturer, Global Business & Transportation Department

B.S., SUNY Maritime College, LL.B. Brooklyn Law School; Prof. Schulmeisters, a Fulbright Scholar, has previously served as lead maritime attorney, US Dept. of Justice, New York, as an attorney with Kirlin, Campbell & Keating, as a claims adjuster for Gulf Oil Corp. and as a deck officer in the US Merchant Marine. He teaches undergraduate and graduate courses in business law, maritime and admiralty law.

Jeffrey A. Weiss, Professor of Law and Transportation, Global Business and Transportation Department (on leave)

B.S., M.S., SUNY Maritime College; J.D., Pace University School of Law; Federal Licenses: Master of Freight and Towing vessels of not more than 1600 Gross Tons Upon Oceans; Second Mate of Steam and Motor Vessels of Unlimited Gross Tonnage Upon Oceans; Member of the New York State and Federal Bars; Maritime Arbitrator; Member of the Maritime Law Association of the United States. Teaching and research interests are in all aspects of Maritime Law.

Hernan Wurgaff, Assistant Professor, Global Business and Transportation Department ((on leave)

M.Sc., University of Chile; Ph.D., Anderson Graduate School of Management, UCLA; Teaching Faculty, University of Chile; Consultant, University of Chile Consultant Group; Operations Analyst & Consultant, IBM; Engagement Manager/Client Partner, EDS Global Planning; Developer and Consultant, Aspen Technology Inc.; Adjunct Professor, Graduate School for Business, Metropolitan College of New York. Teaching and research interests are in the area of Operations Management.

Shmuel Yahalom, Professor of Economics, Global Business and Transportation Department

B.A., University of Haifa; M.A. Queens College; Ph.D., CUNY Graduate Center

Adjunct Faculty

William T. Brown

MBA, George Washington University, Washington DC; B.A, St. Francis College; Diploma, Naval War College.

Mark Chadwin

B.A. Yale University, Ph.D. Columbia University, former chair of the Maritime College's GBAT Department and former Director of the Weissman Center for World Trade at Baruch College. Dr. Chadwin has taught, and published extensively on matters pertaining to international business and trade. He teaches the Managing Across Cultures course in the graduate program.

Lars Gustafson

B.S., M.S., SUNY Maritime College; Federal Licenses; Third Mate of Steam and Motor Vessels of Unlimited Gross Tonnage Upon Oceans; Maritime Arbitrator, Member of the Marine Insurance Claims Association, member of the General Average Association. Eight years experience in handling a wide variety of P & I claims, including cargo, FD&D and personal injuries. Experience operating vessels in dry bulk trades. Teaching and research interests are in all aspects of ocean shipping.

Anthony Mavronicolas, Attorney-at-Law

B.A., University of Wisconsin, J.D., Tulane University, Member of the New York State, Massachusetts State and Federal Bars. Teaching and research interests are in alternate dispute resolution, international business law, development policy and environmental law.

Carl Selinger

Principal of Carl Selinger Services, an aviation & transportation consultancy, following 31- year career with the Port Authority of New York & New Jersey, Eng., C.E., Polytechnic University, B.E., Cooper Union, Certificate, Highway Transportation, Yale University. American Society of Civil Engineers (ASEE). Institute of Transportation Engineers (ITE) and Women's Transportation Seminar (WTS). Honorary member of Sperry Transportation Board of Award and National Transportation Policy Committee. Teaching and research interest in aviation.

Charles A. Walwyn, Jr.

B.S. in Management and Industrial Relations, New York University; Advanced Banking Degree, University of Wisconsin. Prof. Walwyn has also served as Chairman of the New York Clearing House, Transit Task Force Committee.

Daegwun Yoon

B.S., M.S. Korea Maritime University, M.S. SUNY Maritime College, Ph.D. New Jersey Institute of Technology. Dr. Yoon served aboard the Korea Maritime University's training ship, Hanbada and teaches undergraduate and graduate courses in Port & Terminal Management and Supply Chain Management. His primary research interests are in supply chain management, port & terminal operations & management and international relationships.

Graduate Program Staff

- Dr. Larry Howard, Chair GBAT Dept., 718-409-2977, lhoward@sunymaritime.edu
- Dr. Robert G. Edmonds, Vice Chair GBAT Dept., 718-409-5568, redmonds@sunymaritime.edu
- Maj. Gen. Robert L. Wolf, Director, Graduate Admissions; 718-409-1359, rwolf@sunymaritime.edu
- Ms. Natalie Caesar, Senior Program Coordinator, Graduate Programs; 718-409-7285, ncaesar@sunymaritime.edu

Location and Travel Directions

For information on New York City and the surrounding areas including maps, transportation, cultural and arts events, dining and hotel accommodations and other visitor information visit www.nycvisit.com for free visitor information from the New York City Convention and Visitors Bureau.

The **Graduate Admissions Office** is located in the Southwest Bastion on B (first) Floor, in Fort Schuyler.

Bronx Campus - SUNY Maritime College - (Weekday and Saturday Classes)

The Maritime College may be reached by public transportation from Manhattan via the "number 6 subway train- Pelham Bay Local" of the Lexington Avenue (East Side) I.R.T. Subway. Get off the train at Westchester Square Station and take the public transportation bus marked "Fort Schuyler"- directly to the gate of the College, which is the last stop on this bus route. (Note: trip often takes ninety minutes – two hours).

A private company, New York Bus Service, offers express bus service between Manhattan and Throggs Neck. Call 212-994-5500 for stop information. The stop for Fort Schuyler is at the intersection of Harding and Pennyfield Avenues. A connection for the Fort Schuyler bus (public transportation) is at this intersection.

The Bronx campus of Maritime College is easily accessible by car. The Bronx campus is in a quiet residential area directly under the Throggs Neck Bridge.

From Brooklyn or Queens

Via the Whitestone Bridge

Pay toll at extreme right booth, take immediate right exit to traffic light, turn right to next traffic light, turn right then left onto Route 295. Keep to right and take "Fort Schuyler" exit, just before Throggs Neck Bridge.

Public Transportation – Take the "QBx 1" Bus from Flushing Queens marked "Co-op City, Pelham Bay" Get off the Bus at East Tremont Avenue in the Bronx and cross the street. Transfer to the "BX 40" Bus. Be sure you are on the BX 40 to Fort Schuyler; this bus will leave you at the gates of our campus.

From Manhattan: East Side

North on East River Drive (FDR Drive) to either:

(a) Willis Avenue Bridge, then keep right to Bruckner Boulevard to ramp leading to Bruckner Expressway, then follow Throggs Neck Bridge signs to Fort Schuyler exit just before Bridge.

(b) Triborough Bridge, follow "New England" signs to Throggs Neck Bridge signs to Fort Schuyler exit just before Bridge.

From Manhattan: West Side

Go north on West Side Highway to 178th Street exit to Interstate 95 North and Cross Bronx Expressway. Follow Throggs Neck Bridge signs to Fort Schuyler exit just before Bridge.

From New Jersey (via George Washington Bridge)

Garden State or New Jersey Turnpike to New York and Interstate 95 North, then follow signs to Throggs Neck Bridge to Fort Schuyler exit just before Bridge.

From Upper New York State and New York State Thruway

(a) Palisades Parkway South to George Washington Bridge, I-95 North, then follow signs to Throggs Neck Bridge to Fort Schuyler exit just before Bridge.

(b) After crossing Tappan Zee Bridge, south on Interstate 87 to Interstate 95 North. Follow Throggs Neck Bridge signs to Fort Schuyler exit just before Bridge.

From Hutchinson River Parkway

Go south to Bruckner Expressway Exit, Interstate 95 South. (Sharp right after overpass) then follow Throggs Neck Bridge signs to Fort Schuyler exit on right just before Bridge. Caution: You must cross three lanes in 300 yards.

From New England and New England Thruway

Interstate 95 South to the Bronx, then follow Throggs Neck Bridge signs to Fort Schuyler exit on right just before Bridge. Caution: You must cross three lanes in 300 yards.

From Long Island and Long Island Expressway

West on Long Island Expressway to either Cross Island Parkway or Clearview Expressway North to Throggs Neck Bridge, take Pennyfield Avenue - Fort Schuyler exit immediately after toll station.

Directions for drivers are also available on the SUNY Maritime College website at: <http://www.sunymaritime.edu/about/directions.htm>

SUPPLY CHAIN MANAGEMENT CERTIFICATE NON MATRICULATED CHECK-OFF SHEET

Student Name: _____

ID#: _____

- Program- 21 graduate credits required for SCM certificate
- Required Courses:

REQUIRED	COURSE	COMPLETED
X	TMGT 7060 Systems Analysis & Ops Research	
X	TMGT 8510 System Design & Control	
X	TMGT 7200 Mgmt Information Systems in Transportation	
X	TMGT 7400 Logistics within the Supply Chain	
X	TMGT 8501 Principles of Supply Chain Mgmt I	
X	TMGT 8502 Principles of Supply Chain Mgmt II	

- Elective Courses for SCM:

ELECTIVES	COURSE	COMPLETED
**	TMGT 8290 Transportation Planning	
**	TMGT 8390 Maritime Port Security	
**	TMGT 8360 Intermodal Freight Transportation	
**	TMGT 8470 Transportation Risk Management	
**	TMGT 8480 Managing Across Cultures	
**	TMGT 8485 Principles of Project Management	

ELECTIVES	COURSE	COMPLETED
**	TMGT 8490 Case Studies in Supply Chain Security	
**	TMGT 8495 Systems Security in a Supply Chain Context	
**	TMGT 8500 The Marketing Channel within the Supply Chain	

The student named above has been cleared for a Supply Chain Management Certificate.

Faculty Advisor: _____

(name)

(signature)

Date: _____

MASTER OF SCIENCE
INTERNATIONAL TRANSPORTATION MANAGEMENT: CHECK-OFF SHEET

Student Name: _____ **ID#:** _____

- Program Prerequisite Courses (student should have undergraduate work equivalent or similar to the SUNY Maritime College courses listed below)

REQUIRED	COURSE	COMPLETED
	MATH 111 Business Calculus MATH 446 Ops Research	
	GBEC 121 Macroeconomics; GBEC 122 Microeconomics	
	Math 251 Business Statistics	
	GBEC 427 Financial Management	
	GBMG 345 Fundamentals of Marketing	

- Management Core Courses (18 credits)

REQUIRED	COURSE	COMPLETED
X	7060 Systems Analysis & Operations Research	
X	7100 Economics of International Trade	
X	7200 MIS in Transportation	
X	7300 Transportation Management	
X	7400 Business Logistics	
X	7500 International Business & Transportation Law	

- Elective Courses (12 credits w/Capstone; 9 credits w/Thesis)

REQUIRED	COURSE	COMPLETED
X		
X		
X		
X*		
* Not required if course 9201 & 9202 Thesis option is chosen to complete the program		

- Final Courses (Capstone option is 3 credits, Thesis option is 6 credits)

CHOSEN	COURSE	COMPLETED
	9100 Capstone Course	
	9201 Thesis I	
	9202 Thesis II	

The student named above has been cleared for graduation.

Faculty Advisor: _____
 (name) (signature)

Date: _____

**MASTER OF SCIENCE - INTERNATIONAL TRANSPORTATION MANAGEMENT
SUPPLY CHAIN MANAGEMENT OPTION - CHECK-OFF SHEET (39 CREDITS)**

Student Name: _____ **ID#:** _____

- Program Prerequisite Courses (student should have undergraduate work equivalent or courses similar to the SUNY Maritime College courses listed below)

REQUIRED	COURSE	COMPLETED
	MATH 446 Operations Research	
	GBEC 121 Macroeconomics; GBEC 122 Microeconomics	
	Math 251 Business Statistics	
	GBEC 427 Financial Management	
	GBMG 345 Fundamentals of Marketing	

- ITM Management Core Courses and SCM Option Required Courses(27 credits)

REQUIRED	COURSE	COMPLETED
X	7060 Systems Analysis & Operations Research	
X	7100 Economics of International Trade	
X	7200 MIS in Transportation	
X	7300 Transportation Management	
X	7400 Logistics within the Supply Chain	
X	7500 International Business & Transportation Law	
X	8501 Principles of Supply Chain Management I	
X	8502 Principles of Supply Chain Management II	
X	8510 System Design & Control	

- Elective SCM Courses ** (9 credits w/Capstone; 6 credits w/Thesis)

ELECTIVES	COURSE	COMPLETED
**		
**		
**		

- Final Courses (Capstone option is 3 credits, Thesis option is 6 credits)

CHOSEN	COURSE	COMPLETED
	9100 Capstone Course	
	9201 Thesis I	
	9202 Thesis II	

The student named above has been cleared for graduation.

Faculty Advisor: _____

(name)

(signature)

Date: _____

**MASTER OF SCIENCE: INTERNATIONAL TRANSPORTATION MANAGEMENT
SUPPLY CHAIN MANAGEMENT OPTION: CHECK-OFF SHEET (39 CREDITS)**

Student Name: _____ **ID#:** _____

- Program Prerequisite Courses (student should have undergraduate work equivalent or courses similar to the SUNY Maritime College courses listed below)

REQUIRED	COURSE	COMPLETED
	MATH 446 Operations Research	
	GBEC 121 Macroeconomics; GBEC 122 Microeconomics	
	Math 251 Business Statistics	
	GBEC 427 Financial Management	
	GBMG 345 Fundamentals of Marketing	

- ITM Management Core Courses and SCM Option Required Courses(27 credits)

REQUIRED	COURSE	COMPLETED
X	7060 Systems Analysis & Operations Research	
X	7100 Economics of International Trade	
X	7200 MIS in Transportation	
X	7300 Transportation Management	
X	7400 Logistics within the Supply Chain	
X	7500 International Business & Transportation Law	
X	8501 Principles of Supply Chain Management I	
X	8502 Principles of Supply Chain Management II	
X	8510 System Design & Control	

Elective SCM Courses ** (9 credits w/Capstone; 6 credits w/Thesis)

ELECTIVES	COURSE	COMPLETED
**		
**		
**		

- Final Courses (Capstone option is 3 credits, Thesis option is 6 credits)

CHOSEN	COURSE	COMPLETED
	9100 Capstone Course	
	9201 Thesis I	
	9202 Thesis II	

The student named above has been cleared for graduation.

Faculty Advisor: _____

(name)

(signature)

Date: _____

Master in Science in International Transportation Management

Graduate License Student Checkoff List

Required	Course	Credits	Date Completed
X	PS 111 Professional Studies	2	
X	PS 112 Basic Safety Training	2	
X	NAVG 112 Navigation 1	4	
X	MT 510 Summer Sea Term I	6	
X	METE 201 Meteorology for Mariners	3	
X	MT 250 Ships Construction	2	
X	NAVG 212 Celestial Navigation	4	
X	MT 520/521 Summer Sea Term II	6	
X	MT 321 Cargo Operations I	3	
X	NAUT 314 Rules of the Road	2	
X	NAUT 315 Collision Avoidance	3	
X	MT 322 Cargo Operations II	3	
X	NAUT 307 Nautical Operations - Legal	2	
X	NAUT 308 Nautical Operations - Safety	2	
X	NAVG 312 Electronic Navigation Systems	4	
X	MT 530 Summer Sea Term III	5	
X	PE 411 Medical Care Provider	1	
X	NAUT 408 License Seminar	2	
X	NAVG 402 Advanced Navigation	2	
X	NAUT 416 Bridge Watchstanding	3	

Student Name

Faculty Advisor

[For Graduate Diploma Information Sheet Click Here](#)