Master of Science

Maritime Trade and Supply Chain Management (MS)

Dr. Rafael Diaz, Graduate Program Coordinator

The Master of Maritime Trade and Supply Chain Management is a maritime-focused graduate program that provides managers and supply chain professionals the opportunity to expand their knowledge, update their skill sets, and enhance their work with supply chain partners, transportation carriers, shippers, sourcing agents, warehouse managers, as well as third parties and governments directly or indirectly involved in the movement of cargo and material flow. The **30-credit hour** program requires critical thinking and investigation, all while gaining hands-on experience with industry partners. *This program is available on-campus and online.*

The MS in *Maritime Trade and Supply Chain Management* provides a comprehensive and interdisciplinary education through its core courses, electives, and capstone experience. Core classes establish a strong foundation in supply chain principles along the plan-source-make-deliver cycle, while *also* offering specialized insights into maritime trade dynamics and port efficiency. Cutting-edge advancements transforming supply chains are also explored as a core class. The interdisciplinary nature of the program offers a diverse pool of classes to choose as electives - from *analytics*, *industry 4.0*, and *maritime logistics* to *sustainability* and *public procurement*, among others. The program culminates in *a capstone* course, where students apply their knowledge to real-world challenges, ensuring they graduate with both theoretical expertise and practical problem-solving abilities.

Admission Requirements

Prospective students may apply for admission to the program for the fall, spring, and summer semesters. We welcome applicants who have earned bachelor's degrees from accredited institutions. Admission to the program is competitive and is granted only to those who show high ability and likely success in graduate study. Successful applicants will stand well above the average in most of the criteria used to measure graduate student promise.

To be considered for admission, students must submit the following:

- A bachelor's degree from a regionally-accredited university in the U.S. or an equivalent foreign institution;
- Official copies of transcripts of all colleges and universities attended;
- Two letters of recommendation from individuals familiar with the applicant's professional and/or academic background;
- A current resume;
- A statement of professional goals;
- Completion of GRE or GMAT; a waiver may be available for those who already have successfully completed a graduate degree or certificate, or those who have an undergraduate GPA >= 3.0, or those who have taken the prerequisite course(s) determined and approved by the director of the program; and,
- English language requirements: TOEFL (IBT): 79, TOEFL (paper-based): 550, IELTS: 6.5 for those whose native language is not English (waived if an applicant has earned a college degree from an institution in an English-speaking country).

Students may be considered for conditional admission. Contact the Graduate Program Director for more information.

Application Deadlines

Fall Semester

Domestic Students - June 15th

International Students - May 15th

Spring Semester

Domestic Students - November 1st
International Students - October 1st

Curriculum Requirements

The program has been designed to address the advanced educational needs of students and employers in the area of maritime trade and supply chain studies. This proposed program consists of 30 credit hours: five core courses (15 credit hours), four electives (12 credit hours), and one capstone course (3 credit hours).

Core Courses

SCLM 550	Supply Chain 4.0 Technologies and Innovations	3
SCLM 630	Strategic Sourcing and Procurement	3
SCLM 641	Supply Chain Management and Logistics	3
PORT 611	International Maritime Transport	3
PORT 612	Port Operations and Management	3
Approved Electives (CHOOSE 4)		**12**

Electives must be approved in advance by the Graduate Program Coordinator [**]

BNAL 503	Data Visualization and Exploration	3
BNAL 507	Prescriptive Analytics of Management Science	3
BNAL 515	Advanced Business Analytics/Big Data Applications	3
BNAL 532	Predictive Analytics for Business	3
BNAL 721	Simulation Modeling for Business and Supply Chain Systems	3
CS 522	Introduction to Machine Learning	3
CS 580	Introduction to Artificial Intelligence	3
CS 733	Natural Language Processing	3
CYSE 530	Introduction to Cybersecurity Risk Management	3
CYSE 531	Advanced Techniques Cybersecurity Risk Management	3
CYSE 600	Cybersecurity Principles	3
ENMA 625	Introduction to Homeland Security Logistics	3
ENMA 724	Risk Analysis	3
IT 564	Essentials of Project Management	3
IT 650	Database Management Systems	3
IT 651	Business Intelligence	3
IT 660	Digitalizing Enterprises	3
PORT 613	International Maritime and Admiralty Law	3
PPCM 718	Public Sector Contract Administration	3
PPCM 726	Introduction to Public Procurement	3
PPCM 728	Public Sector Contract Planning and Formation	3
PADM 714	Public-Private Partnerships	3
PADM 734	Negotiation and Dispute Resolution	3
PORT 617	Transportation Management	3
SCLM 515	Maritime and Supply Chain Safety and Security	3
SCLM 519	Maritime and Supply Chain Risk and Insurance	3
SCLM 542	Supply Chain and Maritime Intelligence	3
SCLM 561	Warehousing, Distribution and Material Management	3
SCLM 572	Vessel Fleet Operations	3
SCLM 573	Inland Waterways and Dredging Operations	3

SCLM 574	Shipbuilding and Ship Repair Logistics	3
SCLM 581	Freight Brokerage and 3PL Services	3
SCLM 586	Cruise Ship Operations	3
Capstone Course		
SCLM 690	Supply Chain, Logistics, and Maritime Capstone	3

**	Electives must be approved by the Graduate Program Director.
***	Students are allowed to take PPCM 726, PPCM 718, or PPCM 728 with the approval of the director of the PPCM program and the Graduate Program Coordinator at the School of Supply Chain, Logistics, and Maritime Operations.
****	Students can take one of the three PPCM courses (PPCM 726, PPCM 718, or PPCM 728) as an approved elective to be applied to the degree work.

Additional Requirements

Continuance

To remain in good standing after admission to the program, students must maintain a minimum, cumulative grade point average of 3.0 in all graduate course work attempted at the University. Students who fall below this minimum standard will have 12 credit hours to remedy this deficiency.

Additionally, students may earn no more than 2 courses with a grade of C or lower. Further, any student receiving a failing grade (F) in a course will be dismissed from the program.

Financial Assistance

Financial aid is available to graduate students at Old Dominion University. Financial aid may be available in the form of University fellowships, tuition grants, and research assistantships. In addition to the financial aid offered by the University, graduate students may be eligible for aid and student loans administered by other agencies. For information about part-time employment, scholarships, and student loans, contact the Office of Student Financial Aid.

For information and forms concerning application, contact:
Admissions Office
Old Dominion University
Norfolk, VA 23529
Phone: (757) 683-3685

For information concerning financial aid, contact:
Office of Student Financial Aid
Old Dominion University
Norfolk, VA 23529
Phone: (757) 683-3683