

# Bachelor of Science Interdisciplinary Studies with a Major in Supply Chain and Maritime Logistics (BS)

Department web site: <https://www.odu.edu/supply-chain-logistics-maritime>  
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Ricardo Ungo, Faculty Advisor ([rungo@odu.edu](mailto:rungo@odu.edu))

The demand in the supply chain industry and maritime logistics fields has increased dramatically in the last decades. The Supply Chain and Maritime Logistics program is designed to provide students with an integrated working knowledge of how goods flow globally and domestically from origin to destination using an array of storage facilities, information technology, and multiple transportation modes, with a special focus on maritime logistics. The graduates of this program will have the skills and proficiencies that are critical to regional, national, and international shipping, transportation, and distribution industries. The coursework balances theory and concepts with experiential learning connected to real-world problems. Courses are building on the disciplines of analytics, leadership, law, technology and transportation to examine the interdisciplinary nature of the global supply chains.

For more information about the Supply Chain and Maritime Logistics program, email Dr. Ricardo Ungo ([rungo@odu.edu](mailto:rungo@odu.edu)).

## Requirements

### Lower-Division General Education

Written Communication ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#written">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#written</a> )	6
Oral Communication ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#oral">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#oral</a> )	3
Mathematics ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#math">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#math</a> )	3
Language and Culture ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#language">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#language</a> )	0-6
Information Literacy and Research ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information</a> )	3
Human Behavior ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#behavior">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#behavior</a> )	3
Human Creativity ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#creativity">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#creativity</a> )	3
Interpreting the Past ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#interpret">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#interpret</a> )	3
Literature ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#literature">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#literature</a> )	3
Philosophy and Ethics ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#philosophy">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#philosophy</a> )	3
The Nature of Science ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#nature">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#nature</a> )	8
Impact of Technology ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#impact">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#impact</a> )	3

Written Communication: Grade of C or better required in both courses and in ENGL 110C and before declaring major.

Oral Communication: COMM 101R or MKTG 200R recommended.

Mathematics: STAT 130M required.

Information Literacy: IT 150G recommended.

Human Behavior: COMM 200S required.

Philosophy and Ethics: Met in Foundations with PHIL 303E.

Nature of Science: OEAS 106N and OEAS 108N recommended.

Impact of Technology: Met in the major with SCLM 303T/CPD 303T.

### Upper-Division General Education

Met in the major.

### Requirements for Graduation

Requirements for graduation include the following:

- Minimum of 120 credit hours.
- Minimum of 30 credit hours overall and 12 credit hours of upper-level courses in the major program from Old Dominion University.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken toward the major.
- Minimum overall cumulative grade point average of C (2.00) in all courses taken toward a minor.
- Completion of ENGL 110C, ENGL 211C or ENGL 231C, and the writing intensive (W) course in the major with a grade of C or better. The W course must be taken at Old Dominion University.
- Completion of Senior Assessment.

### Foundations Coursework

#### Major Preparation

ACCT 201	Principles of Financial Accounting	3
DASC 300	Foundations of Data Science	3
ECON 202S	Principles of Microeconomics	3
SCLM 201	Introduction to Spreadsheet Applications	1
SCLM 202	Data-Driven Decision Making in Supply Chain and Maritime Operations	3

#### Leadership

COMM 355	Organizational Communication	3
CPD 400	Foundations of Leadership	3
ENGL 334W	Technical Writing	3
PHIL 303E	Business Ethics	3

#### Total Credit Hours

25

## Supply Chain and Maritime Logistics Major

#### General Education

Complete lower-division requirements	35-41
Complete upper-division requirements (met in the major)	0

#### Foundations Coursework

Complete Foundations Coursework	25
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#### Major Prerequisite

SCLM 204	Fundamentals of Global Supply Chain Management	3
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#### Interdisciplinary Studies Core

IDS 300W	Interdisciplinary Theory and Concepts *	3
IDS 301	Data and Humanities Research **	3
IDS 493	IDS Electronic Portfolio Project **	3

#### Major Coursework

SCLM 301	Supply Chain Analytics	3
SCLM/CPD 303T	Maritime Leadership, Technology, and Society	3
SCLM 370	Global Logistics	3

SCLM 414	Maritime Operations	3
SCLM 430	Global Sourcing and Supply Market Analysis	3
SCLM 450	Supply Chain 4.0 Technologies and Innovations	3
SCLM 461	Warehousing, Distribution and Material Management	3
SCLM 368	Internship in Supply Chain, Logistics, and Maritime Operations	3
<b>Approved Program Electives</b> ***		
Select three of the following:		9
BDA 411	Introduction to Machine Learning	
CS 480	Introduction to Artificial Intelligence	
CYSE 301	Cybersecurity Techniques and Operations	
HIST 359	American Maritime History	
SCLM 311	Project Management in Supply Chain & Logistics Operations	
SCLM 380	Multimodal Freight Transportation	
SCLM 410	International Maritime and Transportation Law and Policy	
SCLM 415	Maritime and Supply Chain Safety and Security	
SCLM 419	Maritime and Supply Chain Risk and Insurance	
SCLM 442	Supply Chain and Maritime Intelligence	
SCLM 443	Building Sustainable Supply Chains	
SCLM 471	Port and Terminal Operations	
SCLM 472	Vessel Fleet Operations	
SCLM 473	Inland Waterways and Dredging Operations	
SCLM 474	Shipbuilding & Ship Repair Logistics	
SCLM 481	Freight Brokerage and 3PL Services	
SCLM 486	Cruise Ship Operations	
SCLM 495	Selected Topics in Supply Chain, Logistics and Maritime Operations	
SCLM 497	Independent Study	

**Total Credit Hours** **105-111**

\* Offered online only. Grade of C or better required.

\*\* Offered online only. Grade of C- or better required.

\*\*\* **Note regarding the approved program elective courses:**

- To focus studies in **Maritime Logistics**, the student can take 3 program elective courses from the following: HIST 359, SCLM 380, SCLM 415, SCLM 419, SCLM 442, SCLM 443, SCLM 481, SCLM 495, or SCLM 497.
- To focus studies in **Port, Ships, and Shipyard Operations**, the student can take 3 program elective courses from the following: SCLM 311, SCLM 471, SCLM 472, SCLM 473, SCLM 474, SCLM 486, SCLM 495, or SCLM 497.
- To focus studies in **Supply Chain 4.0**, the student can take 3 program elective courses from the following: BDA 411, CS 480, CYSE 301, SCLM 495, or SCLM 497.

## Electives

Elective courses may be taken for the remainder of the minimum 120 credits required for the degree.

## Honors Program in Interdisciplinary Studies

Qualified students in the interdisciplinary studies majors may earn honors by fulfilling all degree requirements and meeting the honors requirements listed below.

1. Attain an overall grade point average of 3.25.
2. Attain a grade point average in the major of 3.5.
3. Complete two upper-division courses designated as honors courses: IDS 300W and IDS 493.
4. Complete at least 60 credits at Old Dominion University, 54 of which must be in grade-point graded courses.

An application for departmental honors must be provided by the student for approval by the Director of Interdisciplinary Programs.

## Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 110C	English Composition (C or better required)	3
Mathematics (STAT 130M required)		3
Oral Communication (COMM 101R or MKTG 200R recommended)		3
Information Literacy and Research (IT 150G recommended)		3
Elective or Language and Culture I (May be waived; See requirement details)		3
<b>Credit Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (C or better required) or Writing, Rhetoric, and Research: Special Topics	3
Interpreting the Past		3
ECON 202S	Principles of Microeconomics	3
ACCT 201	Principles of Financial Accounting	3
Elective or Language and Culture II (May be waived; See requirement details)		3
<b>Credit Hours</b>		<b>15</b>
<b>Sophomore</b>		
<b>Fall</b>		
Nature of Science I (OEAS 106N recommended)		4
Literature		3
SCLM 201	Introduction to Spreadsheet Applications	1
DASC 300	Foundations of Data Science	3
SCLM 204	Fundamentals of Global Supply Chain Management	3
<b>Credit Hours</b>		<b>14</b>
<b>Spring</b>		
Nature of Science II (OEAS 108N recommended)		4
Human Creativity		3

SCLM/CPD 303T	Maritime Leadership, Technology, and Society (meets Impact of Technology)	3
SCLM 202	Data-Driven Decision Making in Supply Chain and Maritime Operations	3
Human Behavior (COMM 200S required)		3
<b>Credit Hours</b>		<b>16</b>
<b>Junior</b>		
<b>Fall</b>		
PHIL 303E	Business Ethics (meets Philosophy/Ethics)	3
IDS 300W	Interdisciplinary Theory and Concepts (Grade of C or better required)	3
SCLM 370	Global Logistics	3
General Elective		3
SCLM 410	International Maritime and Transportation Law and Policy	3
<b>Credit Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 334W	Technical Writing	3
SCLM 461	Warehousing, Distribution and Material Management	3
SCLM 414	Maritime Operations	3
IDS 301	Data and Humanities Research (Grade of C- or better required)	3
SCLM 301	Supply Chain Analytics	3
<b>Credit Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
CPD 400	Foundations of Leadership	3
SCLM 450	Supply Chain 4.0 Technologies and Innovations	3
Approved Program Electives		6
General Elective		3
<b>Credit Hours</b>		<b>15</b>
<b>Spring</b>		
SCLM 430	Global Sourcing and Supply Market Analysis	3
COMM 355	Organizational Communication	3
IDS 493	IDS Electronic Portfolio Project (Grade of C- or better required)	3
Approved Program Elective		3
General Elective		3
<b>Credit Hours</b>		<b>15</b>
<b>Total Credit Hours</b>		<b>120</b>