

# SUPPLY CHAIN MANAGEMENT (AAS)

**Award:** Associate of Science

**No. of credits required:** 60

**For more information:** *Contact Business & Applied Technology at bat@harford.edu; or Admissions, 443-412-2109.*

## Program Description

This program examines the complex network of activities that make up Supply Chain Management (SCM), including transportation, inventory control, warehousing, international logistics, and SCM performance metrics and optimization techniques. Upon successful completion of the program, students will have a strong background in SCM principles and applications, as well as a strong general education experience.

## Program Goals

Upon completion of this program, students will be able to:

1. Assess the dynamics of the supply chain in the global marketplace.
2. Describe the nature of supply chain workflows and processes.
3. Identify the concepts of supply chain logistics in business practices.
4. Evaluate the impact of international business and other emerging issues on the global supply chain.
5. Analyze the various functional areas of the supply chain process.
6. Analyze the use and importance of information technology systems in each of the functional areas of the supply chain process.

## Employment Information

The U.S. Bureau of Labor Statistics projects that employment of logisticians to grow 28 percent from 2021 to 2031.

## Diversity Requirement

To satisfy the diversity requirement: Associate degree students must complete one 3-credit diversity course (D). It is recommended that students select one of the 3-credit (GB), (GAH), (GI) course electives from those that also appear on the approved list of diversity course graduation requirements.

## Recommended Course Sequence

First Semester		Credits
BA 101	Introduction to Business (GI)	3
ENG 101	English Composition (GE)	3
ACCT 101	Accounting Principles I	3
	Mathematics Elective (GM) ( <a href="https://catalog.harford.edu/general-education/#mathematics">https://catalog.harford.edu/general-education/#mathematics</a> ) <sup>1</sup>	3
	Behavioral/Social Science Elective (GB) ( <a href="https://catalog.harford.edu/general-education/#behavioral-social-science">https://catalog.harford.edu/general-education/#behavioral-social-science</a> )	3
<b>Credits</b>		<b>15</b>
Second Semester		Credits
SCM 101	Introduction to Supply Chain Management	3
BA 203	Principles of Marketing	3
BA 242	Introduction to International Business	3
ACCT 102	Accounting Principles II	3

Biological/Physical Lab Science Elective (GL) (<https://catalog.harford.edu/general-education/#biological-physical-laboratory-science>) 4

**Credits** 16

### Third Semester

SCM 102	Information Systems in Supply Chain Management	3
SCM 103	Inventory Management	3
SCM 204	Transportation in Supply Chain Management	3
BA 210 or CIS 102	Business Computer Applications or Introduction to Information Sciences (GI)	3
	Arts/Humanities Elective (GAH)	3
	Physical Education Elective	1

**Credits** 16

### Fourth Semester

SCM 205	Warehousing and Distribution Center Solutions	3
SCM 206	Optimizing Distribution Networks	3
	Select one of the following:	3
CMST 105	Interpersonal Communication (GI) (D)	
CMST 101	Speech Fundamentals (GI)	
CMST 210	Group Communication and Leadership (GAH)	
	Select one of the following:	3
DSCI 101	Introduction to Data Science	
	General Elective	
	Physical Education Elective	1

**Credits** 13

**Total Credits** 60

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Students may satisfy this requirement with a 4-credit Mathematics Elective (GM).

## General Education Degree Requirements

Note: The following codes identify courses which satisfy the General Education Degree Requirements:

Behavioral/Social Science (GB)  
 English Composition (GE)  
 Arts/Humanities (GAH)  
 Interdisciplinary and Emerging Issues (GI)  
 Biological/Physical Laboratory Science (GL)  
 Mathematics (GM)  
 Biological/Physical Science (GS)