

# LOGISTICS MANAGEMENT, ASSOCIATE OF APPLIED SCIENCE

(60 Semester Credit Hours)

The LGM program is a 2yr + 2yr stackable degree program into the Bachelor of Applied Science (<https://catalog.atu.edu/undergraduate/programs/education-health/emergency-management-professional-studies-student-affairs-administration/bas/>). The curriculum map reflects completing General Education courses in COMM, ECON, MATH, and PSY that will satisfy both the LGM and BAS requirements.

**Students who are not seeking a Bachelor’s degree may also complete BST or TMAT courses for the GenEd requirements**

## Curriculum Curriculum for Fall Start

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
CIS 1113 or BST 1303	Fundamental Computer Operation or Introduction to Computers	3
ENGL 1013	Composition I (Must pass with a "C" or better )	3
Logistics Management Approved Elective		3
LGM 1013	Principles of Logistics and Supply Chain Management	3
MATH 1003 or TMAT 1203	College Mathematics (Must pass with a "C" or better ) or Technical Mathematics	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
BST 1053	Spreadsheets	3
ECON 2003 or BST 1083	Principles of Macroeconomics or Introduction to Economics	3
ENGL 1023	Composition II (Must pass with a "C" or better )	3
LGM 2023	Transportation Management	3
LGM 2033	Warehousing and Inventory Management	3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Fall</b>		
LGM 2093	FREIGHT BROKERAGE AND CUSTOMER RELATIONS MANAGEMENT	3
SS 1XXX	Social Science Courses (PSY 2003 recommended)	3
BST 2443	Introduction to Project Management	3
LGM 2023	Transportation Management	3
LGM 2043	Foundations of Strategic Procurement	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
Logistics Management or Approved Elective		3
COMM 2173 or BST 1043	Business and Professional Speaking or Professional Communication	3
INT 2903	Internship (or Approved Elective)	3
LGM 2053	International Logistics <sup>1</sup>	3
LGM 2083	Operations Management <sup>2</sup>	3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> Prerequisites: ENGL 1023 Composition II and LGM 2023 Transportation Management

<sup>2</sup> Prerequisite: BST 1053 Spreadsheets

## Curriculum for Spring Start

The matrix below is a sample plan for all coursework required for this program.

Course	Title	Hours
<b>First Year</b>		
<b>Spring</b>		
CIS 1113 or BST 1303	Fundamental Computer Operation or Introduction to Computers	3
ENGL 1013	Composition I (Must pass with a "C" or better )	3
LGM 2993	SPECIAL TOPICS IN LOGISTICS	3
LGM 1013	Principles of Logistics and Supply Chain Management	3
MATH 1003 or TMAT 1203	College Mathematics (Must pass with a "C" or better ) or Technical Mathematics	3
<b>Hours</b>		<b>15</b>
<b>Fall</b>		
ECON 2003 or BST 1083	Principles of Macroeconomics or Introduction to Economics	3
BST 1053	Spreadsheets	3
ENGL 1023	Composition II	3
LGM 2023	Transportation Management	3
LGM 2033	Warehousing and Inventory Management	3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Spring</b>		
COMM 2173 or BST 1083	Business and Professional Speaking or Introduction to Economics	3
BST 2443	Introduction to Project Management <sup>3</sup>	3
LGM 2043	Foundations of Strategic Procurement	3
LGM 2053	International Logistics <sup>2</sup>	3
LGM 2083	Operations Management <sup>3</sup>	3
<b>Hours</b>		<b>15</b>
<b>Fall</b>		
BST 2023	Organizational Leadership	3
LGM 2093	FREIGHT BROKERAGE AND CUSTOMER RELATIONS MANAGEMENT	3
INT 2903	Internship (or Approved Elective)	3
SS 1XXX	Social Science Courses (PSY 2003 recommended)	3
Logistics Management Approved Elective		3
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> Prerequisite: BST 1053 Spreadsheets or CIS 1113 Fundamental Computer Operation

<sup>2</sup> Prerequisites: ENGL 1013 Composition I and LGM 2023 Transportation Management

<sup>3</sup> Prerequisite: BST 1053 Spreadsheets

## LGM Electives

May be selected from the following courses:

Code	Title	Hours
<b>BAS Courses</b>		
PSY 3093	Industrial and Organizational Psychology	3
OL 3023	Professional Communications	3

OL 3133	Principles of Personnel Management	3
OL 4043	Ethical Leadership	3
OL 4443	Professional Leadership	3
OL 4543	Workplace Supervision	3
OL 4643	Organizational Globalization and Diversity	3
or OL 4743	Organizational Change	
OL 4963	Organizational Leadership Capstone	3
BAS 4253	Quality Control	3
BAS 4353	Project Management	3
BAS 4363	Project Risk Analysis and Mitigation	3
BAS 4373	Leading Agile Projects	3
BAS 4453	Root Cause Analysis	3
BAS 4553	Workplace Health and Safety	3
<b>Non-BAS Courses</b>		
BST 1053	Spreadsheets	3
BST 1063	Legal Environment for Business Technology	3
BST 1073	Accounting	3
BST 2143	Introduction to Management	3
BST 2213	Human Relations Principles and Practices	3
BST 2153	Database Management	3
BST 2513	Introduction to Human Resources Management	3
BST 2543	Workplace Behavior and Ethics	3
CIS 1233	Systems Analysis and Design	3
CIS 2133	Web Page Design	3

Other approved Business Technology courses not required by this curriculum

\*BST 1053 Spreadsheets must be taken if CIS 1113 Fundamental Computer Operation was **not** completed.

## Learning Outcomes

Students who complete the program will demonstrate:

- Demonstrate basic understanding of logistic software systems and applications.
- Demonstrate the ability to perform demand management to improve efficiency, perform inventory control measures, and optimize warehouse layouts.
- Explain the impact of logistics and supply chain operations on a firm's profitability, identifying the steps necessary to evaluate and purchase a new product or service, as well as complete a project plan, basic budget, and presentation.
- Explain the role of transportation and identify the resources needed for domestic and global transactions and shipments.
- Demonstrate employability skills including effective communication, planning, critical thinking and problem-solving, quality customer service skills, and conflict resolution.
- Exhibit ability to work on a team project, present a professional presentation, and understanding of sales process.