Bachelor of Arts in Transportation and Logistics Management

The Bachelor of Arts in Transportation and Logistics Management focuses on the principles, policies, trends, and current issues within air, maritime, or ground transportation. Transportation and logistics management is at the core of global supply chain management, encompassing manufacturing, distribution, retailing, recreation, and national security industries. This versatile degree helps to prepare you for job opportunities in many industries including the military, government, and large corporations whose success depends on the global fulfillment of customers' requirements.

This program has been designed in consultation with industry business leaders and is accredited by the Accreditation Council for Business Schools and Programs (ACBSP) (http://www.acbsp.org).

Degree Program Objectives

In addition to the institutional and degree level learning objectives, graduates of this program are expected to achieve these learning outcomes:

- Apply systems analysis to transportation, logistics, and supply chain management.
- Relate the multidimensional impact of transportation on the economy, public systems, national and local infrastructure, and the environment.
- Examine the transportation systems' political, regulatory, and legal issues.
- Describe and assess the strengths and weaknesses of the major modes of international transportation.

Degree at a Glance

Code	Title	Semester Hours
General Education Requirements		30
Major Required		30
Select one of the following concentrations:		15
	General Concentration (p. 3)	
	Air Cargo (p. 3)	
	Reverse Logistics Management (p. 3)	
Final Program Requirements		3

Elective Requirements	42
Total Semester Hours	120

Degree Program Requirements

General Education Requirements (30 semester hours)

Code	Title	Semester Hours
Arts and Humanities (6 semester hours) [1]		
Select 2 courses from the following:		6
ARAB100	Arabic I	
ARAB101	Arabic II	
ARTH200	Art Appreciation	
ARTH241	Film and Literature	
DSIN141	Image Enhancement using Adobe Photoshop	
FREN100	French I	
FREN101	French II	
GERM100	German I	
GERM101	German II	
JAPN100	Introduction to Japanese	
LITR215	Literature of American Encounters, Revolution, and Rebellion	
LITR218	From Abolition to #MeToo: Literature of the American Civil Rights Movement	
LITR222	Pivotal Figures in Early British Literature	
LITR225	British Literature from Wordsworth through the Wasteland	
LITR231	Leadership in World Literature: Antiquity to the Early Modern Period	
LITR233	Literature of the Newly Globalized World: The Individual's Struggle to Adapt	
MUSI200	Music Appreciation	
MUSI250	World Music and Cultures	
PHIL101	Introduction to Philosophy	
PHIL110	Critical Thinking	
PHIL200	Introduction to Ethics	
PHIL202	Philosophy of Science	
PORT100	Introduction to Brazilian Portuguese	
RELS201	Introduction to World Religions	
RUSS100	Russian I	
SPAN100	Spanish I	
SPAN101	Spanish II	
STEM270	Thinking and Acting Ethically	
Civics, Political and Social Sciences (6 semester hours) [1]		

ECON101	Microeconomics	3
Select 1 course from the following:		3
ANTH100	Introduction to Anthropology	
CHFD220	Human Sexuality	
COMM211	Social Media and Society	
ECON102	Macroeconomics	
GEOG101	Introduction to Geography	
HOSP110	Practical Food Safety and Awareness	
IRLS210	International Relations I	
LITR212	Forgotten America--Under Represented Cultures in American Literature	
LITR235	Four Points of the Compass: Culture and Society Around the World	
POLS101	Introduction to Political Science	
POLS210	American Government I	
PSYC101	Introduction to Psychology	
SOCI111	Introduction to Sociology	
SOCI212	Social Problems	
SOCI220	American Popular Culture	
STEM280	Exploring Society and Cultures via Science Fiction	

Communication: Writing, Oral, and Multimedia (9 semester hours)

COMM120	Information and Digital Literacy	3
ENGL110	Making Writing Relevant	3
Select 1 course from the following:		3
COMM200	Public Speaking	
ENGL101	Proficiency in Writing	
ENGL115	Argumentation and Rhetoric	
ENGL210	Introduction to Literature	
ENGL220	Technical Writing	
ENGL221	Scientific Writing	
ENGL226	Effective Business Communication	
HRMT101	Human Relations Communication	
ITCC231	Introduction to Information Technology Writing	
LSTD205	Legal Research and Writing	
MGMT100	Human Relations	

History (3 semester hours)

Select 1 course from the following:		3
HIST101	American History to 1877	
HIST102	American History since 1877	
HIST111	World Civilization before 1650	
HIST112	World Civilization since 1650	
HIST121	Western Civilization before The Thirty Years War	
HIST122	Western Civilization since The Thirty Years War	
HIST221	African-American History before 1877	

HIST222	African-American History since 1877	
HIST223	History of the American Indian	
HIST270	History of Science	
STEM185	The History and Context of STEM	

Mathematics and Applied Reasoning (3 semester hours)

Select 1 course from the following:		3
ACCT105	Accounting for Non Accounting Majors	
ENTD200	Fundamentals of Programming	
MATH110	College Algebra	
MATH111	College Trigonometry	
MATH120	Introduction to Statistics	
MATH125	Math for Liberal Arts Majors	
MATH225	Calculus	

Natural Sciences (3 semester hours)

Select 1 course from the following:		3
BIOL180	Introduction to Biology	
BIOL181	Introduction to Human Anatomy and Physiology	
CHEM180	Introduction to Chemistry	
ERSC180	Introduction to Meteorology	
ERSC181	Introduction to Geology	
EVSP180	Introduction to Environmental Science	
PHYS180	Introduction to Physics	
SPST180	Introduction to Astronomy	
STEM100	Introduction to STEM Disciplines	

Total Semester Hours	30

[1]   All literature courses require successful completion of ENGL101 - Proficiency in Writing or ENGL110 - Making Writing Relevant.

Major Required (30 semester hours)

Code	Title	Semester Hours
ECON102	Macroeconomics	3
COLL300	Research, Analysis, and Writing	3
TLMT311	Introduction to Transportation Management	3
TLMT312	Transportation Economics	3
TLMT313	Supply Chain Management	3
TLMT331	Fundamentals of Intermodal Transportation	3
TLMT341	Logistics Management	3
TLMT351	Packaging	3
TLMT352	Distribution Systems	3
TLMT441	Advanced Business Logistics	3
Total Semester Hours		30

Students must choose a concentration for this degree program and may select from a General Concentration, Concentration in Air Cargo, or Concentration in Reverse Logistics Management.

General Concentration (15 semester hours)

This general concentration allows you to select from other concentration courses offered in this program, plus additional topics. Selecting the general concentrations enables you to create your own focused area of study.

Code	Title	Semester Hours
Select 5 courses from the following:		15
BUSN310	Business Theory	
BUSN419	International Business Management	
EDMG420	Risk Communications	
FINC400	Principles of Financial Management	
FINC405	Budget Development and Execution	
HLSS311	Border and Coastal Security	
HLSS312	Port Security	
INFO331	Management Information Systems	
POLS410	Public Policy	
TLMT318	Hazardous Materials Transportation	
TLMT342	International Logistics Management	
TLMT353	Logistics Management and Operations	
TLMT381	Hazardous Materials Management	
TLMT405	Best Practices in Reverse Logistics	
TLMT411	Air Transportation	
TLMT415	Airport Operations	
TLMT416	Air Cargo Operations and Security	
TLMT442	International Trade and Regulations	
Total Semester Hours		15

Concentration in Air Cargo (15 semester hours)

This concentration is designed to educate a new generation of airport and air operations professionals in air freight forwarding services as a key component in global logistics management, retail management, transportation management, and in accounting best practices to all components of today's complex cargo movement business environment. Students will have an opportunity to understand how air cargo rules of operation are being used in their military or civilian air logistics organization. It will provide students with the knowledge base of current applications and opportunities to study practical applications in domestic and international air transportation and air logistics scenarios.

Objectives

Upon successful completion of this concentration, the student will be able to:

- Classify and explain the issues and challenges of implementing an air freight forwarding management system.
- Explain best practices of air cargo operations.
- Analyze the relationships and interaction among private and public sector stakeholders who secure airport operations from a variety of potential disruptions.
- Understand the role of the airport manager in the management, administration, financing and operating within small, medium, and large hub airports.
- Acquire an in-depth analysis of the complex balance of airport management and air cargo handling companies.
- Understand physical facility planning for cargo management, the economics of airport operation and the organizational structure of related companies who support the movement of air cargo through airports.

Concentration Requirements (15 semester hours)

Code	Title	Semester Hours
TLMT415	Airport Operations	3
TLMT416	Air Cargo Operations and Security	3
Select 3 courses from the following:		9
FINC400	Principles of Financial Management	
HLSS311	Border and Coastal Security	
MGMT312	Leadership & Motivation	
MGMT331	Leading Yourself Foundations	
TLMT342	International Logistics Management	
TLMT411	Air Transportation	
Total Semester Hours		15

Concentration in Reverse Logistics Management (15 semester hours)

This concentration is designed to educate a new generation of professionals in reverse logistics as a key component in logistics management, retail management, engineering management, and in accounting best practices, to all components of today's complex business environment. Students will have an opportunity to understand how reverse logistics is being used in their military or civilian logistics organization. It will provide students with the knowledge base of current applications of reverse logistics use and opportunities to study practical applications in domestic and international transportation and logistics scenarios. In today's competitive global transportation and

logistics business climate, organizations are always under pressure to adapt to new procedural and technological trends to improve the visibility of product and cargo flows through an ever-widening and complex supply chain. Retail and military logistics decision makers are still uncertain in many cases on how to apply the use of reverse logistics to their business model. Some see reverse logistics as part of the supply chain; others see reverse logistics as marketing or sales. However, within the next three to five years, one will see an increase in reverse logistics as a separate organizational component reporting directly to the CEO or CFO.

Objectives

Upon successful completion of this concentration, the student will be able to:

- Classify and explain the issues and problems of implementing a reverse logistics system in a manufacturing, retail or military operation.
- Explain best practices of a reverse logistics operation.
- Classify and explain the differences between forward and reverse logistics.
- Explain how reverse logistics can be used to track and trace goods as returns, recalls, recycling and as waste.
- Explain how to differentiate the financial impact of reverse logistics from financial components within a business environment.
- Develop an implementation plan to use reverse technology processes and technology within a manufacturing, retail or military organization.

Concentration Requirements (15 semester hours)

Code	Title	Semester Hours
Select 5 courses from the following:		15
RLMT302	Environmental Issues in Reverse Logistics	
RLMT303	Technology in Reverse Logistics	
RLMT305	Cost and Benefit Analysis of Reverse Logistics	
RLMT307	Food and Beverage Reverse Logistics	
RLMT309	Reverse Logistics Management and Operations	
RLMT400	Recalls Best Practices and Issues	
Total Semester Hours		15

Final Program Requirements (3 semester hours)

Code	Title	Semester Hours
TLMT498	Senior Seminar in Transportation and Logistics (to be taken as the last course before graduation) [1]	3
Total Semester Hours		3

[1] Prerequisite: Senior Standing and completion of all major courses prior to enrollment.

Elective Requirements (42 semester hours)

Select any courses that have not been used to fulfill major requirements. Credits applied toward a minor or certificate in an unrelated field may be used to fulfill elective credit for the major.