

# GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY



FACULTY OF MANAGEMENT SOCIAL SCIENCES  
AND HUMANITIES  
DEPARTMENT OF MANAGEMENT  
& FINANCE

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## 1. Introduction to the Degree Program

The Faculty of Management, Social Sciences and Humanities was established under the restructuring programme of the General Sir John Kotelawala Defence University in 2011. It consists of three departments, namely the Department of Management and Finance, Department of Social Sciences and Department of Languages. Undergraduate students are studying as officer cadets, day scholars and weekend students.

BSc (Hons) in Logistics Management degree programme is conducted by the Department of Management and Finance. This degree paves the path for cadets to join executive branches as officers once they have completed their degree programme. At present this degree offers modules for day scholars too to groom their competencies to serve the industry as professionals in the field. The technical modules help them to improve working skills in technical aspects. The day scholars can gain management skills and focus on general management and operations management as per their wish to pursue their learning and career prospects. This degree programme offers three specializations, namely Supply Chain Management, Transportation Management and Finance.

In order to achieve a BSc (Hons) in Logistics Management students must complete a 4 Year Degree Program. However, the department offers a 3 Year exit point for the students who are just seeking a BSc in Logistics Management Degree. For the officer cadets the existing condition which is the initial two years at KDU and another year at their respective military institutes for military training will remain unchanged.

BSc (Hons) in Logistics Management programme at KDU is highly regarded for its academic excellence, experienced faculty, and strong industry connections. The programme focuses on providing a comprehensive understanding of various business disciplines, including supply chain, procurement, freight forwarding, shipping, aviation, public transport, finance, marketing, and human resource management. With a flexible study schedule and a diverse cohort of students, KDU offers ample opportunities for networking and collaboration. KDU is the sole university in the country with

a military led administrative system, ensuring prompt and efficient management of activities across multiple campuses. It caters to all faculties, ranging from undergraduate to PhD levels. Its reputation for academic excellence and industry expertise, coupled with considerations of cost, standard of living, and international exposure, opens doors to various career opportunities.

## 2. Credit Ratings and Course Codes

### 2.1 BSc (Hons) in Logistics Management (Year 1)

The following table gives an overall summary of the course units entitled for the year one of the BSc (Hons) in Logistics Management Degree Program. The respective course units have been outlined in detail beneath the table.

*Table 1: Year One LM course units*

Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester I	MGT11013	Principles of Management	3	3	
	LOG11023	Financial Accounting	2	2	
	MGT11032	Business Law	2	2	
	LOG11043	Introduction to Transportation Management	3	3	
	LOG11053	Introduction to Supply Chain Management	3	3	
	LOG11062	Business Mathematics	2	2	
	DOL11091	English: Basic study skills (LM)	(1)	(1)	
	MGT11072	IT for Business	(2)	(2)	
	DOL110101	Sinhala: Basics for Beginners (LM)	(1)	(1)	
	DOL110111	Tamil: Basic for Beginners (LM)	(1)	(1)	
	MIL110125	Military Studies -I (Officer Cadets Only)			4
Total Credits for Semester I (GPA)			15 Credits		
Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester II	MGT12012	Management Accounting	2	2	
	MGT12022	Human Resources Management	2	2	
	LOG12032	Business Economics	2	2	
	LOG12043	Procurement Management	3	3	
	LOG21052	Port Operations and Management	2	2	
	MGT12062	International Trade and Documentations	2	2	
	MGT12072	Business Statistics	2	2	
	DOL12081	English: Advanced Study Skills	(1)	(1)	
	DOL12094	Military Studies -II (Officer Cadets Only)			4
Total Credits for Semester II (GPA)			15 Credits		
Total Credits for All Semesters			30 Credits		

## 2.1.1 Semester 01

### Principles of Management

**MGT11013**

*This course provides an overall understanding on management techniques and principles which is a prerequisite to understand the basic management functions. It will help students to identify managerial roles and skills, demonstrate an understanding on the management process including planning, organizing, leading and controlling. It will enable students to analyze the internal and external environmental factors that affect an organization, evaluate different management schools of thoughts.*

**Credits** 03

GPA-Compulsory

### Financial Accounting

**LOG11023**

*The aim of this course is to develop students' knowledge of accounting standards and understanding of their application in the preparation and presentation of financial statements of a corporate entity. Students will also be able to identify the role and scope of financial accounting, identify the relevant regulatory requirements relating to the financial reporting environment in Sri Lanka.*

**Credits** 02

GPA-Compulsory

### Business Law

**MGT11032**

*This course provides students with a comprehensive understanding of legal principles and their application in the context of business. Students will be able to understand legal frameworks, apply legal principles to business scenarios, identify potential legal risks facing businesses and develop strategies to mitigate these risks through compliance programs.*

**Credits** 02

GPA-Compulsory

### Introduction to Transportation Management

**LOG11043**

*The purpose of this course is to provide students with a comprehensive understanding of the principles, concepts, and practices essential for effective management of transportation systems. Students will be able to understand fundamentals of transportation systems, analyze transportation networks*

**Credits** 03

GPA-Compulsory

**Introduction to Supply Chain Management****LOG11053**

*This course pinpoints the fundamental role of supply chain in the business world in terms of inventory, warehousing, distribution, procurement, outsourcing, humanitarian logistics, best practices, performance indicators and future trends. This course aims to lay a foundation for the rest of the disciplines of the degree programme.*

**Credits** 03

GPA-Compulsory

**Business Mathematics****LOG11062**

*This course focuses on providing students with an informal, non-intimidating presentation of the mathematical principles, techniques and applications most useful for business students. This familiarity can assist students in being better critics and users of these tools and better decision makers.*

**Credits** 02

GPA-Compulsory

**English: Basic study skills (LM)****DOL11091**

*English is the lingua franca of international business and logistics. Study skills in English ensures that students develop proficiency in the language necessary for academic success and future professional endeavors in the logistics field, where English is commonly used for communication, documentation, and negotiation.*

**Credits** 01

NGPA-Compulsory

**IT for Business****MGT11072**

*This course aims to foster critical thinking, teamwork, and cross-cultural communication awareness, alongside promoting ethical conduct and a commitment to continuous self-improvement in English language skills and study habits.*

**Credits** 02

NGPA-Compulsory

**Sinhala: Basics for Beginners (LM)****DOL110101**

*This course introduces students to the cultural context of Sri Lanka, where Sinhala is considered as the primary language. This awareness is vital for professionals working in logistics, where cross-cultural communication plays a significant role*

**Credits** 01

NGPA- Optional



*Tamil is widely spoken in Sri Lanka, India, and other parts of the world. Learning Tamil introduces students to the cultural nuances and diversity of regions where Tamil is a primary language.*

**Credits** 01

NGPA- Optional

## 2.1.2 Semester 02

### **Management Accounting**

**MGT12012**

*The objective of this course is to provide students with the knowledge, skills, and competencies necessary to effectively manage financial resources and support decision-making within organizations. This is designed to equip students with a solid understanding of accounting principles and techniques specifically tailored to meet the needs of managers and decision-makers.*

**Credits** 02

GPA-Compulsory

### **Human Resources Management**

**MGT12022**

*Recognize the dynamic relationship between people, strategy, technology, and the processes that drive organizations. Key topic areas include: Human Resource Planning, staffing, compensation, human resource development, and performance management and grievance handling.*

**Credits** 02

GPA-Compulsory

### **Business Economics**

**LOG12032**

*The objective of a Business Economics course is to provide students with a comprehensive understanding of economic principles and theories as they apply to the business environment. This course aims to equip students with the analytical skills and knowledge necessary to analyze economic factors affecting business decisions, formulate strategies, and contribute to organizational success.*

**Credits** 02

GPA-Compulsory

### **Procurement Management**

**LOG12043**

*This course provides a comprehensive overview of the procurement management in both private and public sector organizations and how to manage procurements for better return for the money spent.*

**Credits** 03

GPA-Compulsory

**Port Operations and Management****LOG21052**

*The objective of a course on port operation and management is to provide participants with the knowledge, skills, and competencies necessary to effectively manage and optimize the operations of a port facility. This course aims to address the multifaceted challenges and complexities inherent in port management and equip participants with the tools and strategies needed to ensure the efficient, safe, and sustainable functioning of ports.*

**Credits** 02

GPA-Compulsory

**International Trade and Documentations****MGT12062**

*The objective of this module is to provide students with a comprehensive understanding of international trade practices and the documentation processes involved, equipping them with the necessary knowledge and skills to navigate the complexities of global logistics management effectively.*

**Credits** 02

GPA-Compulsory

**Business Statistics****MGT12072**

*This course aims to provide the students with knowledge and skills regarding core quantitative techniques from statistics. A particular emphasis is placed on developing the ability to interpret the numerical information that forms the basis of decision-making in business. It is expected to improve the skills of the students, including problem-solving, analytical and critical thinking skills with regards to basic statistical analysis by taking examples which are drawn from a variety of business applications.*

**Credits** 02

GPA-Compulsory

**English: Advanced Study Skills****DOL12081**

*Advanced study skills in English empower students to engage with complex academic materials, including scholarly articles, research papers, and case studies.*

**Credits** 01

NGPA-Compulsory

## 2.2 BSc (Hons) in Logistics Management (Year 2)

The following table gives an overall summary of the course units entitled for the year two of the BSc (Hons) in Logistics Management Degree Program. The respective course units have been outlined in detail beneath the table.

*Table 2: Year Two LM course units*

Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester III	LOG21012	Computer Based Application for Supplies & Materials Management	2		
	MGT21023	Operations Research	3	3	
	MGT12052	Disaster Management	2	2	
	SCM21062	Inventory & Warehouse Management	2		
	SCM21073	Legal Aspects of Supplies & Material Management	2		
	LOG21083	Transport Economics	2	2	
	TPM21092	International Freight Transportation	2		
	TPM210103	Transport Modelling		3	
	TPM210112	Transport Data Collection & Analysis		2	
	TPM21123	Airport Planning and Operations		3	
	LM21134	Military Studies -III (Officer Cadets Only)			4
	DOL21141	English: Writing and Speaking Skills (LM)	(1)	(1)	
Total Credits for Semester III (GPA)			15 Credits		
Semester IV	MGT22013	Research Methodology and Research Project	3	3	
	MGT22023	Project Management	3	3	
	MGT22032	Business Intelligence Tools and Technologies	2	2	
	SCM32072	Maritime Logistics	2		
	TPM32082	Road Safety Management		2	
	SCM22072	Supply Chain Analytics	2		
	LOG22083	Military Logistics OR	3	3	
	LOG22090	Airline Business Management			
	TPM22102	Transport Network Planning and Optimization		2	
	LM22111	English: Research Writing Skills (LM)	(1)	(1)	
	MG11124	Military Studies -IV (Officer Cadets Only)			4
Total Credits for Semester IV (GPA)			15 Credits		
Total Credits for All Semesters			30 Credits		

## 2.2.1 Semester 03

### **Computer Based Application for Supplies & Materials Management**

**LOG21012**

*The objective of the Computer Based Application for Supplies & Materials Management module is to equip students with the knowledge and skills necessary to effectively utilize computer-based applications for optimizing supplies and materials management processes in logistics*

**Credits** 02

GPA-Compulsory

### **Operations Research**

**MGT21023**

*OR equips students with analytical tools and techniques to optimize logistics processes, such as inventory management, transportation routing, and facility location. By learning OR methods like linear programming, integer programming, and simulation, students can identify the most efficient and cost-effective solutions to logistical challenges, improving operational performance and resource utilization*

**Credits** 03

GPA-Compulsory

### **Disaster Management**

**MGT12052**

*Upon completion of this course, the students are expected to be able to have a broad understanding of the knowledge on elements that drive a successful disaster preparation and mitigation plan in the business context. The students will also learn the roles of different stakeholders in disaster situations and resource utilization within the context to minimize the impact to the business sector*

**Credits** 02

GPA-Compulsory

### **Inventory & Warehouse Management**

**SCM21062**

*The main objective of an Inventory & Warehouse Management curriculum is to equip students with the knowledge, skills, and competencies necessary to effectively manage inventory and warehouse operations within various industries and organizational settings.*

**Credits** 02

GPA-Compulsory

### **Legal Aspects of Supplies & Material Management**

**SCM21073**

*The main objective of a Legal Aspects of Supplies & Material Management curriculum focuses on equipping participants with the knowledge and skills to navigate the legal landscape surrounding the acquisition and management of supplies and materials for an organization.*

**Credits** 02

GPA-Compulsory

## **Transport Economics**

**LOG21083**

*Transport Economics deals with allocation of scarce resources within the transport sector including pricing, financial and economic costs, including external costs*

**Credits** 02

GPA-Compulsory

## **International Freight Transportation**

**TPM21092**

*The aim of this course is to provide an overall understanding on identifying and explaining the process of international freight transportation. The topics aims to discuss international freight transport modes, systems, concepts, infrastructure, facilities, role of freight forwarder, the role of customs, import, export procedure and future trends.*

**Credits** 02

GPA-Compulsory

## **Transport Modelling**

**TPM210103**

*Students will be able to identify different types of transit models which can be used in transport planning. They will derive the relationships between variables related to trip generation and attractions based on the application requirement of the model*

**Credits** 03

GPA-Compulsory

## **Transport Data Collection & Analysis**

**TPM210112**

*The Transport Data Collection & Analysis empowers students to become skilled data analysts in the transportation sector by mastering various data collection techniques, like traffic counters and travel surveys, participants can transform raw data into actionable insights. This subject equips students with statistical analysis and data visualization skills to understand transportation problems, assess the impact of policies and projects, and ultimately communicate data-driven findings to support informed decision-making within the transportation field*

**Credits** 02

GPA-Compulsory

## **Airport Planning and Operations**

**TPM21123**

*The Airport Planning and Operations curriculum aims to cultivate professionals who can design, manage, and optimize airport facilities. Students delve into passenger and cargo flow, air traffic control strategies, and safety regulations to plan efficient airport layouts and operations.*

**Credits** 03

GPA-Compulsory

**English: Writing and Speaking Skills (LM)****DOL21141**

*Developing strong writing and speaking skills in English enables students to communicate their ideas, analyses, and recommendations clearly and persuasively in both written and oral formats.*

**Credits** 01

NGPA-Compulsory

**2.2.2 Semester 04****Research Methodology and Research Project****MGT22013**

*This subject aims to empower undergraduate students with the skills and knowledge needed to undertake independent research, contribute to scholarly discourse, and engage critically with research literature in their respective disciplines and develop a research proposal followed by a research project.*

**Credits** 03

GPA-Compulsory

**Project Management****MGT22023**

*This subject focuses on the development of understanding of basic concepts and principles of project management used in the area of business and economics.*

**Credits** 03

GPA-Compulsory

**Business Intelligence Tools and Technologies****MGT22032**

*This subject equips students with essential skills and knowledge to leverage data effectively for decision-making in business contexts*

**Credits** 02

GPA-Compulsory

**Maritime Logistics****SCM32072**

*This course equips students with a comprehensive understanding of the principles, processes, and challenges involved in managing logistics operations within the maritime industry*

**Credits** 02

GPA-Compulsory

**Road Safety Management****TPM32082**

*This course aims to equip undergraduate students with the knowledge, skills, and strategies necessary to improve the road safety required standards in road safety*

**Credits** 02

GPA-Compulsory

**Supply Chain Analytics****SCM22072**

*This course provides students with a foundational understanding of supply chain management principles and analytical techniques essential for optimizing supply chain operations*

**Credits** 02

GPA-Compulsory

**Airline Business Management****LOG22090**

*This course provides undergraduate students with a comprehensive understanding of the aviation industry, focusing on the strategic, operational, and managerial aspects of airline operations*

**Credits** 03

GPA-Compulsory

**Transport Network Planning and Optimization****TPM22102**

*Student will have an opportunity to identify different types of networks in transportation and how to optimize them in system operations.*

**Credits** 02

GPA-Compulsory

**English: Research Writing Skills (LM)****LM22111**

*Developing research writing skills in English enables students to produce high-quality academic papers, reports, and dissertations that meet scholarly standards. By mastering research methodologies, citation conventions, and academic writing styles, students can contribute original insights to the field of logistics management and excel in their academic pursuits.*

**Credits** 01

NGPA-Compulsory

## 2.3 BSc (Hons) in Logistics Management (Year 3)

The following table gives an overall summary of the course units entitled for the year three of the BSc (Hons) in Logistics Management Degree Program. The respective course units have been outlined in detail beneath the table.

*Table 3: Year Three LM course units*

Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester V	LOG31012	Green Logistics and Sustainability	2	2	
	MGT31023	Quality Management and Techniques	3	3	
	MGT31032	Marketing Management	2	2	
	MGT31043	Strategic Management	3	3	
	DOL31071	Business Communication	1	1	
	MGT31053	Enterprise Resource Planning (ERP)	2	2	
	MIL310721	Military Training (Officer Cadets)			21
	MGT32062	Management Information Systems (MIS)	2	2	
Total Credits for Semester V (GPA)			15 Credits		
Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester VI		Cadet Officers			15
	MIL3201015	Advanced Military Training	15	15	
		Day Scholars (3-year exit)			
	MGT32089	Industrial Training	9	9	
	MGT32096	Skill Based Project	6	6	
		Day Scholars (4-year exit)			
	LOG32013	Logistics Entrepreneurship Development	3	3	
	MGT32023	Production and Operations Management	3	3	
	LOG32032	Data Driven Decision Making	2	2	
	LOG32042	Logistics Application Learning	(2)	(2)	
	LOG31052	Cargo Handling & Operations	3	3	
	MGT32062	Lean Manufacturing	2	2	
	LOG32073	Health and Safety in Supply Chains	2	2	
Total Credits for Semester VI (GPA)			15 Credits		
Total Credits for All Semesters			30 Credits		



### 2.3.1 Semester 05

#### Green Logistics and Sustainability

**LOG31012**

*This course instills an understanding of environmental impacts in logistics operations and equip students with knowledge and skills to implement sustainable practices, fostering environmentally responsible and socially conscious approaches to logistics management.*

**Credits** 02

GPA-Compulsory

#### Quality Management and Techniques

**MGT31023**

*This course prepares undergraduate students with a solid foundation in quality management principles, tools, and techniques, enabling them to contribute effectively to organizational success and societal well-being in their future careers.*

**Credits** 03

GPA-Compulsory

#### Marketing Management

**MGT31032**

*Provide undergraduate students with a solid foundation in marketing management principles and practices, preparing them for successful careers in the dynamic and competitive field of marketing.*

**Credits** 02

GPA-Compulsory

#### Strategic Management

**MGT31043**

*This course equips students with the knowledge, skills, and analytical frameworks necessary to understand the complexities of strategic decision-making in organizations and to prepare them for future leadership roles in various industries.*

**Credits** 03

GPA-Compulsory

#### Business Communication

**DOL31071**

*The subject equips students with the essential skills and knowledge necessary to effectively communicate in professional settings. Through a combination of theoretical concepts and practical exercises, students will develop proficiency in written and oral communication, interpersonal skills, critical thinking and prepare them well for their internship placements.*

**Credits** 01

GPA-Compulsory

**Enterprise Resource Planning (ERP)****MGT31053**

*This course provides students with a comprehensive understanding of ERP systems, their functionalities, and their strategic significance in modern organizations.*

**Credits** 02

GPA-Compulsory

**Management Information Systems (MIS)****MGT32062**

*This course provides students with a comprehensive understanding of the role, functions, and significance of information systems in organizations.*

**Credits** 02

GPA-Compulsory

## 2.3.2 Semester 06

**Industrial Training****MGT32089**

*To provide students with hands-on experience in a real workplace setting to enhance their practical skills and industry knowledge. The following areas are expected to be covered in the industrial training.*

**Credits** 09

GPA-Compulsory

**Skill Based Project****MGT32096**

*The students who undergo their industrial training are expected to come up with a real-world issue in the respective organization and are expected to analyze and present solutions and recommendations. The objective is to sharpen the students' critical thinking, problem solving, evaluation and reporting skills.*

**Credits** 06

GPA-Compulsory

**The students who are only seeking a BSc in Logistics Management Degree can exit with the completion of above-mentioned set of courses. The 3-year exit point will not be marked as a honors degree. Therefore, the completion of industrial training and skill-based project in sixth semester is only applicable for students who are seeking a 3-year degree exit point. The students who are willing to complete the 4 years degree program will have to continue the course and complete below mentioned subjects in order to graduate with a BSc (Hons) in Logistics Management.**

**Logistics Entrepreneurship Development****LOG320103**

*Students will be able to have a broad understanding of the knowledge on the elements that drive a successful entrepreneurial experience and how an entrepreneur can assemble and integrate the resources needed to create a new venture through the enhancement of management skills, personal competencies, strategy development and application of knowledge.*

**Credits** 03

GPA-Compulsory

**Production and Operations Management****MGT320303**

*Provide students with a comprehensive understanding of the principles and practices involved in managing production and operations in logistics and supply chain contexts.*

**Credits** 03

GPA –Compulsory

**Data Driven Decision Making****LOG32032**

*This subject will develop students' ability to utilize data analytics and insights to make informed decisions in logistics and supply chain management*

**Credits** 02

GPA –Compulsory

**Logistics Application Learning****LOG32042**

*This subject will develop students' ability to utilize data analytics and insights to make informed decisions in logistics and supply chain management*

**Credits** 02

NGPA –Compulsory

**Cargo Handling and Operations****LOG31052**

*This course provides a background to cargo handling and operations in maritime cargo, air cargo and laws pertaining to cargo and material handling in logistics and supply chain operations. Field visits, guest lectures, workshops and contemporary discussions of the industry which helps in relative decision making are discussed through this course*

**Credits** 03

GPA –Compulsory

**Lean Manufacturing****MGT32062**

*Introduce students to lean principles and methodologies for eliminating waste and improving efficiency in manufacturing processes*

**Credits** 02

GPA –Compulsory

*This course educates students about the importance of health and safety practices in supply chain operations and to equip them with the knowledge to ensure a safe working environment.*

**Credits**      02

GPA –Compulsory

## 2.4 BSc (Hons) in Logistics Management (Year 4)

The following table gives an overall summary of the course units entitled for the Year four of the BSc (Hons) in Logistics Management Degree Program. The respective course units have been outlined in detail beneath the table.

*Table 4: Year Four LM course units*

Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester VII	MGT41016	Dissertation	6	6	
	LOG41023	Supply Chain Technologies and Innovation	3	3	
	MGT41061	Personality and Skill Development	(1)	(1)	
	LOG41033	Transport and Logistics Policy Analysis	3	3	
	MGT41041	Student Research Symposium	(1)	(1)	
	LOG41053	Multi Modal Transport	3	3	
Total Credits for Semester 1 (GPA)			15 Credits		
Sem.	Course Code	Course Name	Credit Value SCM	Credit Value TPM	MGPA
Semester VIII	MGT32089	Industrial Training	9	9	
	MGT32096	Skill Based Project	6	6	
Total Credits for Semester 2 (GPA)			15 Credits		
Total Credits for All Semesters			120 Credits		

### 2.4.1 Semester 07

#### Dissertation

**MGT41016**

*The objective of the Dissertation module is to provide students with the opportunity to conduct independent research on a topic of their choice within the field of logistics management. Through the dissertation project, students will develop advanced research skills, critical thinking abilities, and subject matter expertise while making a significant contribution to the existing body of knowledge in logistics management.*

**Credits** 06

GPA-Compulsory

#### Supply Chain Technologies and Innovation

**LOG41023**

*This course provides students with a comprehensive understanding of the latest technological advancements and innovative practices reshaping the field of supply chain management.*

**Credits** 03

GPA-Compulsory

#### Personality and Skill Development

**MGT41061**

*Empowers students to become well-rounded professionals beyond their scientific expertise. This course equips students with the self-awareness, interpersonal skills, and critical thinking necessary to navigate the professional landscape by fostering self-confidence, effective communication, and teamwork abilities.*

**Credits** 01

NGPA-Compulsory

#### Transport and Logistics Policy Analysis

**LOG41033**

*This course provides students with the knowledge, skills, and analytical tools necessary to critically evaluate transportation and logistics policies and their implications.*

**Credits** 03

GPA-Compulsory

#### Student Research Symposium

**MGT41041**

*To provide students with a platform to showcase their research findings and engage in scholarly discussions.*

**Credits** 01

NGPA-Compulsory

### **Multi Modal Transport**

**LOG41053**

*Equip students with a comprehensive understanding of integrated transportation systems involving various modes such as road, rail, sea, and air. Through this course, students learn to analyze, design, and optimize efficient transport solutions, preparing them for careers in logistics, supply chain management, and transportation planning.*

**Credits**     03

GPA-Compulsory

## **2.4.2 Semester 08**

### **Industrial Training**

**MGT32089**

*Provides students with hands-on experience in a real workplace setting to enhance their practical skills and industry knowledge. The following areas are expected to be covered in the industrial training*

**Credits**     09

GPA -Compulsory

### **Skill Based Project**

**MGT32096**

*The students who undergo their industrial training are expected to come up with a real-world issue in the respective organization and are expected to analyze and present solutions and recommendations. The objective is to sharpen the students' critical thinking, problem solving, evaluation and reporting skills.*

**Credits**     06

GPA -Compulsory

The BSc (Hons) in Logistics Management Degree Programme contains 120 GPA credits from core course units, 15 NGPA credits and 18 MGPA credits. The distribution of the academic credits in BSc in CS degree program are illustrated in the table below.

### 3. Benefits and Carrier Paths

BSc (Hons) in Logistics Management programme at KDU offers several benefits to students who are interested in pursuing a career in the fields of logistics and supply chain management. Here are some of the key benefits:

- **Specialized Knowledge:** BSc (Hons) in LM provides students with specialized knowledge and skills in transportation, warehousing, procurement, inventory management, which are highly sought after by employers in various industries especially for developing and fast-moving economies.
- **Career Advancement:** This degree opens new career opportunities and enhances the chances of career advancement within the field of logistics. Graduates are well-equipped to take on leadership roles in supply chain management.
- **Industry-Relevant Curriculum:** BSc (Hons) in LM offers a curriculum that is closely aligned with the latest industry trends and best practices. This ensures that students are well-prepared to tackle real-world challenges in the logistics field.
- **Networking Opportunities:** BSc (Hons) in LM provides students with opportunities to network with professionals in the logistics industry. Building a strong network can be invaluable for finding job opportunities and staying updated on industry developments.
- **Problem-Solving Skills:** Logistics Management involves complex problem-solving and decision-making. BSc (Hons) in LM teaches students how to analyze data, make strategic decisions, and optimize supply chain processes, skills that are highly valuable in the logistics field.
- **Global Perspective:** Logistics is a global industry, and BSc (Hons) in LM includes coursework on international logistics, trade regulations, and global supply chain management. This global perspective is beneficial for students who aspire to work in international logistics roles.
- **Soft Skills Development:** In addition to technical skills, the BSc (Hons) in LM emphasizes the development of soft skills such as leadership, communication, teamwork, and negotiation, which are essential for success in logistics management.
- **Entrepreneurial Opportunities:** Some students may choose to use their Logistics knowledge to start their own businesses or consulting firms in

the logistics sector. BSc (Hons) in LM provides the skills and knowledge needed to be successful in entrepreneurship.

Graduates with BSc (Hons) in Logistics Management at KDU have a wide range of career opportunities in various industries. Here are some potential career paths for individuals with this degree:

- **Supply Chain Manager:** This is one of the most common career paths for graduates of BSc (Hons) in LM. Supply chain managers are responsible for overseeing the entire supply chain process, including procurement, production, distribution, and logistics. They ensure efficient and cost-effective operations.
- **Logistics Manager:** Logistics managers focus specifically on the movement and storage of goods. They manage transportation, warehousing, inventory, and distribution to ensure products are delivered on time and within budget.
- **Operations Manager:** Operations managers oversee the day-to-day operations of a company or department. In logistics, they may be responsible for optimizing processes, managing resources, and ensuring smooth operations within the supply chain.
- **Consultant:** Many graduates of BSc (Hons) in LM could choose to work as consultants, either independently or with consulting firms. They provide expertise to organizations looking to improve their supply chain processes.
- **Procurement Manager:** Procurement managers are responsible for sourcing and purchasing goods and services for their organizations. They work to secure the best prices, quality, and terms from suppliers.
- **Transportation Manager:** Transportation managers oversee the transportation of goods, whether by road, rail, air, or sea. They ensure efficient and cost-effective transportation operations.
- **Warehouse Manager:** Warehouse managers are responsible for the efficient storage and movement of goods within a warehouse or distribution center. They manage inventory, staff, and processes.



- **Operations Analyst:** Operations analysts use data and analytics to improve supply chain processes. They identify areas for optimization and help organizations make data-driven decisions.
- **Entrepreneur/ Startup Founder:** Some graduates of BSc (Hons) in LM could choose to start their own logistics or supply chain-related businesses. This could include freight brokerage, logistics technology development, or supply chain consulting.
- **Government and Non-profit Sector:** Graduates can also find opportunities in government agencies or non-profit organizations, where they can work on transportation policy, disaster relief logistics, or humanitarian supply chain management and as academia.

