

**GENERAL SIR JOHN
KOTELAWALA DEFENCE
UNIVERSITY**



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

Background of 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.

BSc (Hons) in Logistics Management-Over View

Semester I					
Code	Subject	SC	TP	NG	MG
MGT 110103	Principles of Management	3	3		
MGT 110202	Business Law	2	2		
MGT 110302	IT for Business			2	
LOG 110403	Financial Accounting	2	2		
LOG 110503	Introduction to Transportation Management	3	3		
LOG 110603	Introduction to Supply Chain Management	3	3		
LOG 110702	Business Mathematics	2	2		
DOL 110801	Sinhala: Basics for Beginners (LM)				1
DOL 110901	Tamil: Basic for Beginners (LM)				1
DOL 1101001	English: Basic study skills (LM)			1	
MIL 1101105	Military Studies -I (Officer Cadets only)				4
Semester Total		15	15	5	4

Semester II					
Code	Subject	SC	TP	NG	MG
MGT 120102	Human Resources Management	2	2		
MGT 120202	Management Accounting	2	2		
MGT 120302	Business Statistics	2	2		
MGT 120402	International Trade and Documentions	2	2		
LOG 120502	Business Economics	2	2		
LOG 120603	Procurement Management	3	3		
LOG 120702	Port Operations and Management	2	2		
DOL 120801	English: Advanced Study Skills				1
DOL 120904	Military Studies – II (Officer Cadets only)				4
Semester Total		15	15	1	4

Semester III					
Code	Subject	SC	TP	NG	MG
MGT 210103	Operations Research	3	3		
MGT 210202	Disaster Management	2	2		
LOG 210302	Computer Based Application for Supplies & Materials Management	2			
LOG 210403	Transport Economics	2	2		
SCM 210502	Inventory & Warehouse Management	2			
SCM 210603	Legal Aspects of Supplies & Material Management	2			
TPM 210703	Transport Modelling		3		
TPM 210802	Transport Data Collection & Analysis		2		
TPM 210902	International Freight Transportation	2			
TPM 2101003	Airport Planning and Operations		3		
DOL 2101101	English: Writing and Speaking Skills (LM)			1	
DOL 2101202	Strategic Defence Studies (Officer Cadets only)				2
MIL 2101304	Military Studies – III (Officer Cadets only)				4
Semester Total		15	15	1	6

Semester IV					
Code	Subject	SC	TP	NG	MG
MGT 220103	Research Methodology and Research Project	3	3		
MGT 220203	Project Management	3	3		
MGT 220302	Business Intelligence Tools and Technologies	2	2		
SCM 320402	Maritime Logistics	2			
TPM 320502	Road Safety Management		2		
SCM 220602	Supply Chain Analytics	2			
LOG 220703	Military Logistics OR	3	3		
LOG 220800	Airline Business Management				
TPM 220902	Transport Network Planning and Optimization		2		
LM 2201001	English: Research Writing Skills (LM)				1
MG 1101104	Military Studies – IV (Officer Cadets only)				4
Semester Total		15	15	1	4

Semester V					
Code	Subject	SC	TP	NG	MG
MGT 310103	Strategic Management	3	3		
MGT 310202	Marketing Management	2	2		
MGT 310303	Quality Management and Techniques	3	3		
MGT 310403	Enterprise Resource Planning	2	2		
MGT 320502	Management Information Systems	2	2		
DOL 310601	Business Communication	1	1		
LOG 310702	Green Logistics and Sustainability	2	2		
MB 310807	Military Training (Officer Cadets)				21
Semester Total		15	15	0	21

Semester VI					
Code	Subject	SC	TP	NG	MG
<i>Cadet Officers</i>					
MIL 3208015	Advanced Military Training	15	15		15
<i>Day Scholars (3 year exit)</i>					
MGT 320909	Industrial Training	9	9		
MGT 3201006	Skill Based Project	6	6		
<i>Day Scholars (4 year exit)</i>					
LOG 320103	Logistics Entrepreneurship Development	3	3		
LOG 320202	Data Driven Decision making	2	2		
MGT 320303	Production and Operations Management	3	3		
MGT 320402	Lean Manufacturing	2	2		
LOG 320502	Logistics Application Learning				2
LOG 310602	Cargo Handling & Operations	2	2		
LOG 320703	Health and Safety in Supply Chains	3	3		
Semester Total		15	15	2	
Total		90	90		

Semester VII					
Code	Subject	SC	TP	NG	MG
MGT 410106	Desertation	6	6		
MGT 410201	Personality and Skill Development				1
MGT 410301	Student Research Symposium				1
LOG 410403	Supply Chain Technologies and Innovation	3	3		
LOG 410503	Transport and Logistics Policy Analysis	3	3		
LOG 410603	Multi Modal Transport	3	3		
Semester Total		15	15	2	

Semester VIII					
Code	Subject	SC	TP	NG	MG
MGT 420109	Industrial Training	9	9		
MGT 420206	Skill Based Project	6	6		
Semester Total		15	15		
Grand Total		120	120		

Credit Ratings and Course Codes

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 - LMH Course Units

Semester I					
Code	Subject	SC	TP	NG	MG
MGT 110103	Principles of Management	3	3		
MGT 110202	Business Law	2	2		
MGT 110302	IT for Business			2	
LOG 110403	Financial Accounting	2	2		
LOG 110503	Introduction to Transportation Management	3	3		
LOG 110603	Introduction to Supply Chain Management	3	3		
LOG 110702	Business Mathematics	2	2		
DOL 110801	Sinhala: Basics for Beginners (LM)			1	
DOL 110901	Tamil: Basic for Beginners (LM)			1	
DOL 1101001	English: Basic study skills (LM)			1	
MIL 1101105	Military Studies -I (Officer Cadets only)				4
Semester Total		15	15	5	4
Semester II					
Code	Subject	SC	TP	NG	MG
MGT 120102	Human Resources Management	2	2		
MGT 120202	Management Accounting	2	2		
MGT 120302	Business Statistics	2	2		
MGT 120402	International Trade and Documentations	2	2		
LOG 120502	Business Economics	2	2		
LOG 120603	Procurement Management	3	3		
LOG 210702	Port Operations and Management	2	2		
DOL 120801	English: Advanced Study Skills			1	
DOL 120904	Military Studies – II (Officer Cadets only)				4
Semester Total		15	15	1	4

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 3

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 2

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 2

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 3

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 3

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 2

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 1

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 2

NGPA-Compulsory

Sinhala: Basics for Beginners (LM)

DOL11011

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 1

GPA-Compulsory

Tamil: Basic for Beginners (LM)

DOL11011

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 1

GPA-Compulsory

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 2

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 2

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 2

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 3

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 2

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 2

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 2

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 1

GPA-Compulsory

Table 2: Year Two: LMH Course Units

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.

Semester III					
Code	Subject	SC	TP	NG	MG
MGT 210103	Operations Research	3	3		
MGT 120202	Disaster Management	2	2		
LOG 210302	Computer Based Application for Supplies & Materials Management	2			
LOG 210403	Transport Economics	2	2		
SCM 210502	Inventory & Warehouse Management	2			
SCM 210603	Legal Aspects of Supplies & Material Management	2			
TPM 210703	Transport Modelling		3		
TPM 210802	Transport Data Collection & Analysis		2		
TPM 210902	International Freight Transportation	2			
TPM 2101003	Airport Planning and Operations		3		
DOL 2101101	English: Writing and Speaking Skills (LM)			1	
DOL 2101202	Strategic Defence Studies (Officer Cadets only)				2
MIL 2101304	Military Studies – III (Officer Cadets only)				4
Semester Total		15	15	1	6
Semester IV					
Code	Subject	SC	TP	NG	MG
MGT 220103	Research Methodology and Research Project	3	3		
MGT 220203	Project Management	3	3		
MGT 220302	Business Intelligence Tools and Technologies	2	2		
SCM 320402	Maritime Logistics	2			
TPM 320502	Road Safety Management		2		
SCM 220602	Supply Chain Analytics	2			
LOG 220703	Military Logistics OR	3	3		
LOG 220800	Airline Business Management				
TPM 220902	Transport Network Planning and Optimization		2		
LM 2201001	English: Research Writing Skills (LM)			1	
MG 1101104	Military Studies – IV (Officer Cadets only)				4
Semester Total		15	15	1	4

Semester - III

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 2

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 3

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 2

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 2

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 2

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 2

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 2

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 3

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 2

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 3

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 1

NGPA-Compulsory

Semester - IV**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 3

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 3

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 2

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 2

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 2

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 2

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 3

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 2

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 1

NGPA-Compulsory

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 LMH - Course Units

Semester V					
Code	Subject	SC	TP	NG	MG
MGT 310103	Strategic Management	3	3		
MGT 310202	Marketing Management	2	2		
MGT 310303	Quality Management and Techniques	3	3		
MGT 310403	Enterprise Resource Planning	2	2		
MGT 320502	Management Information Systems	2	2		
DCL 310601	Business Communication	1	1		
LOG 310702	Green Logistics and Sustainability	2	2		
Mil 310807	Military Training (Officer Cadets)				21
Semester Total		15	15	0	21
Semester VI					
Code	Subject	SC	TP	NG	MG
	<i>Cadet Officers</i>				
MIL 3208015	Advanced Military Training	15	15		15
	<i>Day Scholars (3 year exit)</i>				
MGT 320909	Industrial Training	9	9		
MGT 3201006	Skill Based Project	6	6		
	<i>Day Scholars (4 year exit)</i>				
LOG 320103	Logistics Entrepreneurship Development	3	3		
LOG 320202	Data Driven Decision making	2	2		
MGT 320303	Production and Operations Management	3	3		
MGT 320402	Lean Manufacturing	2	2		
LOG 320502	Logistics Application Learning			2	
LOG 310602	Cargo Handling & Operations	2	2		
LOG 320703	Health and Safety in Supply Chains	3	3		
Semester Total		15	15	2	

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 2

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 3

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 2

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 3

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 1

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 2

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 2

GPA-Compulsory

Semester VI**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 9

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 6

GPA-Compulsory

PI Note: 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 3

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 3

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 2

GPA –Compulsory

Logistics Application Learning

LOG32042

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

Credits 2

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

3

GPA –Compulsory

Lean Manufacturing**MGT32062**

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

Credits

2

GPA –Compulsory

Health and Safety in Supply Chains**LOG32073**

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

2

GPA –Compulsory

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 2: Year Four LMH Course Units

Semester VII					
Code	Subject	SC	TP	NG	MG
MGT 410106	Desertation	6	6		
MGT 410201	Personality and Skill Development			1	
MGT 410301	Student Research Symposium			1	
LOG 410403	Supply Chain Technologies and Innovaiaon	3	3		
LOG 410503	Transport and Logistics Policy Analysis	3	3		
LOG 410603	Multi Modal Transport	3	3		
Semester Total		15	15	2	
Semester VIII					
Code	Subject	SC	TP	NG	MG
MGT 420109	Industrial Training	9	9		
MGT 420206	Skill Based Project	6	6		
Semester Total		15	15		
Grand Total		120	120		

Semester - VII

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 6

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 3

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 1

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 3

GPA-Compulsory

Student Research Symposium

MGT41041

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

Credits 1

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 3

GPA-Compulsory

Semester - VIII**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 9

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 6

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.

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.

