

2022

Handbook for BSc in Logistics Management Degree Programme



Department of Management and Finance
General Sir John Kotelalwala Defence University

PO Box 32

Ratmalana

Sri Lanka

www.kdu.ac.lk

Handbook

for

BSc in Logistics Management Degree Programme

January 2022

General Sir John Kotelawala Defence University

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List of Abbreviations

BSc -Bachelor of Science

CILT -Chartered Institute of Logistics and Transport

GCE - General Certificate of Examination

GPA - Grade Point Average

GPV - Grade Point Value

IELTS - International English Language Testing System

TOFEL- Test of English as a Foreign Language

SAT - Scholastic Aptitude Test

KDU - Kotelawala Defence University

LM - Logistics Management

NGPA - Non-Grade Point Average

FGPA - Final Grade Point Average

SGPA - Semester Grade Point Average

YGPA - Yearly Grade Point Average

MGPA- Military Grade Point Average

Revision Page

| | | |
|---|---------------------------|---|
| 1 st Revision | 27 th May 2019 | By: AHS Sharic, Lecturer, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University |
| 2 nd Revision | 27 th Jan 2020 | By: AHS Sharic, Lecturer, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University |
| 3 rd Revision | 10 th Jan 2021 | By: Dr Kalpana Ambepitiya, Senior Lecturer Gr II, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University |
| 4 th Revision (In progress) | 15 th Jan 2022 | By: Dr Kalpana Ambepitiya, Senior Lecturer Gr II, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University |

University Vision

To be a university nationally and internationally known for its unique ability to engage both undergraduate and graduate students in distinctive and interdisciplinary defence related higher education that best serves the tri-services, the state sector and society at large.

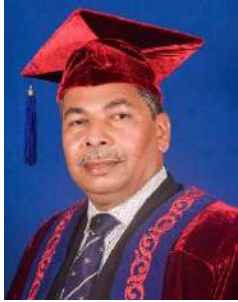
University Mission

To ensure a high-quality, learner-centered educational experience through undergraduate, graduate, and professional programmes along with high quality research across many disciplines in the field of defence, in both residential and non-residential settings in the campus.

Faculty Mission

To facilitate to accomplish the academic excellence in management, social sciences and humanities by offering lectures, research guidance and other learner centred educational activities to undergraduates, graduates and professionals in the field.

Message from the Dean



As the Dean of the Faculty of Management, Social Sciences and Humanities, I warmly welcome the new batch of students, both officer cadets and day-scholars joining the degree programmes offered by the Department of Management and Finance of our Faculty.

While congratulating you all for being selected to join the prestigious Defence University for completing your dream of higher education, I earnestly request every one of you to spend the next couple of years of your life with a great deal of responsibility. Be determined to be fully dedicated to your role as a university student from the day one. Quickly learn the difference between school education and university education. Please remember that you will be reading for a degree at the university, and hence you need to spend more time for gathering knowledge through extra reading, discussions, projects and collective work with your colleagues.

The well-qualified lecturing panel of the Department will do their best to guide you through the curriculum, but it is your responsibility to grasp the necessary knowledge through hard and dedicated work. In this sense, it is also necessary for you to sharpen your English language and IT skills too. So, spend some extra time on them. Quickly identify your weaknesses and improve them as early as possible so that you will get good grades at exams.

Higher education is not just getting a degree certificate. You need to develop yourselves into responsible citizens or independent adults with intellectual skills to solve problems. In order to do so you must enhance your social skills. So, make use of diverse avenues and opportunities available at KDU for soft skill development such as sports, club activities, social and cultural events etc. as well whenever possible.

The current pandemic situation is a challenge for all of us. But KDU is resolute and determined to face the challenge, and as students of KDU, you too should be determined to find alternative paths to fulfill your requirements amidst challenges carefully taking all precautions to stay safe and healthy.

Finally, I wish all of you an enjoyable learning experience at KDU where you will develop yourselves into sound personalities with knowledge, skills and attitudes necessary to find lucrative employment and more so to become good citizens for the nation.

Kithsiri Amaratunga

Dean

Faculty of Management, Social Sciences and Humanities

Message from the Head of the Department



The Department of Management and Finance at the Faculty of Management, Social Sciences and Humanities is one of the oldest departments at KDU. With over 15 full-time academics and a team of professional staff, we teach 400 undergraduate and 200 graduate students each year. Since its establishment, the department has secured itself an excellent reputation in classroom studies and research as well as in training in the fields of Logistics Management and Technical Sciences.

At the undergraduate level, we offer a very solid foundation in Logistics Management and Management and Technical Sciences. These courses in the department lead to BSc in Logistics Management and BSc in Management and Technical Sciences. BSc in Management and Technical Sciences is an innovative programme that combines the theoretical and empirical aspects of the studies in Management and Technical Sciences. BSc in Logistics Management programme provides specialist knowledge and develops competencies that students need to be able to carry out their future work in logistics well.

The department faculty is committed to providing the best learning environment possible and will support career success by ensuring that students learn the skills that are highly desired by employers. State-of-the-art facilities in the department will help to prepare the students to face complex management issues in the globally competitive and diverse business world and strive for excellence in all aspects. The department maintains a positive atmosphere between the students and the academic staff. The academic staff of the department has a strong commitment to producing high-quality research which influences the academic community and the industry. Whilst being an internationally renowned centre within its fields, the department is intensely engaged in maintaining a high level of excellence in teaching and research.

The students who are ambitious and enthusiastic about their future choose the Department of Management and Finance.

Dr. Wasantha Premarathne

Head – Department of Management and Finance

The University

General Sir John Kotelawala Defence University (KDU) was initially established as the “General Sir John Kotelawala Defence Academy” by the Parliamentary Act No 68 of 1981 and subsequently elevated to University status by the Amendment Act No 27 of 1988. KDU is located at the Kandawala Estate in Ratmalana, which was donated by the late General Sir John Kotelawala. The faculties at KDU include the Defence and Strategic studies, Law, Management, Social Sciences and Humanities, Engineering, Faculty of Medicine, Allied Health Sciences and Graduate Studies. Currently, students entering to the Faculty of Medicine are enrolled as officer cadets as well as private foreign students. All the other faculties are open for defence and civil citizens as well as foreign students.

Faculty of Management Social Sciences & Humanities

Faculty of Management, Social Sciences and Humanities has been established under the restructuring program of the General Sir John Kotelawala Defence University. It consists of three departments namely Department of Management and Finance, Department of Social Sciences and Department of Languages.

The Department of Management & Finance offers two degree programs namely BSc in Logistics Management, and BSc in Management & Technical Sciences. The Department of Social Sciences offers BSc in Social Sciences. Also there are more than 200 Undergraduates enrolled on the degree programmes offered by the faculty. Undergraduates study as officer cadets and day scholars in the same degree programme. The faculty has contributed a lot to brighten up the name of Sir John Kotelawala Defence University among other universities in the country.



Role and the Facilities of the Faculty of Management Social Sciences & Humanities

The faculty renders support to smoothen the tensions in the student life by focusing on specific facets of the student life to successfully complete their undergraduate and post graduate qualifications. The unique facilities offered by the faculty are monitoring and reviewing the degree curricular to accomplish marketable competencies and venturing with highly reputed professional bodies to strengthen the academic programmes. The faculty maintains a state-of-the-art language laboratory to enhance language competence of students. Also, students may obtain counselling and career guidance.



The faculty provides academic supervision and guidance for students to carry out their research work. Research culture within the faculty enables students to present their research papers at the KDU annual international conference.

The final semester of all the degree programmes are dedicated to inculcate the undergraduates transferable skills. During the final year of the respective degree program, officer cadets undergo their military training while day scholars undergo their internship in the final semester. Every degree programme includes 21 weeks internship period with the intention of enhancing day scholars with versatile management skills and enriching them with the attributes of potential graduate employability. Prior to the undergraduates' internship, the career guidance unit which is established under the faculty, assists students to find suitable organizations in the industrial setting for their internship. Further, during their internship the career unit continuously monitors the students' performance and progression.

In addition, the faculty has broadened the educational avenues for wider array of interested parties and professionals in many other private and public institutions. At present, the faculty is designing short courses, career courses and workshops for those institutions based on their demand.

Moreover, inter faculty alliance in the university directs support for the students and staff to attend on the research workshops organized by other faculties to be a part of a solid academic network.

The faculty encourages and renders fullest support for undergraduates to engage in the extracurricular activities by directing them on inter university competitions, competitions organize by professional bodies (ex: CILT Young professionals' Challenge). Furthermore, every student gets opportunities to pursue his or her talents in sports, photography, environmental consideration, community leadership and philanthropy. The Department of Languages under the faculty organizes an especial series of events for students to be competent in language in collaboration with Gavel and Toastmasters club.

The Department of Management & Finance

The Department of Management and Finance, formulated under the Faculty of Management, Social Sciences and Humanities at Sir John Kotelawala Defence University has initiated several activities in leading and management, earning its' reputation by supporting to the growth of the current status of modern, international, green university. The current strength of the student numbers is growing with the potential of delivering upcoming diversified streams.

Academic and Non-academic Staff of the Department

Head of the Department (HoD)



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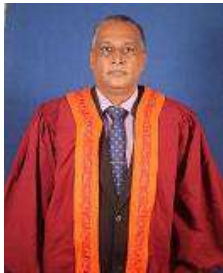
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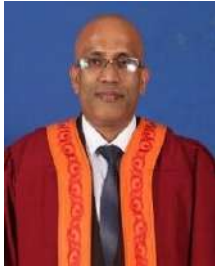
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Temporary Tutor
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Non Academic Staff



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Mr. UK Nimal
Office Assistant

BSc in Logistics Management Degree Programme

Aim

To develop a sound academic background in undergraduates to build confidence in resource utilization and interpersonal relations in a workplace by incorporating different aspects of the logistics field.

Structure of the Programme

At the establishment phase of this degree, it was especially designed for military students. This degree paves the path for cadets to join executive branches as officers once they have completed their degree programme. At present this degree is modified with separate modules for day scholars 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.

Course Title :BSc in Logistics Management

Abbreviated Title :BSc (LM)
Streams :Supply Chain Management (SCM), Transportation Management (TM),Finance
Duration : 3 years
Medium : English

Other activities for undergraduates

- Industrial Internships
- Military training for officer cadets
- Research & Development
- Social Skill Development Project

Eligibility Criteria

For Undergraduate Cadetship

- Being a citizen of Sri Lanka
- Being not less than 18 years and not more than 22 years of age on the closing date of applications
- Being eligible for university entrance in all streams having fulfilled the following requirements.
 - i. Pass the Common General Test.
 - ii. Having a minimum of a Credit (C) pass for English at the GCE (O/L) Examination
- Being unmarried
- Satisfying minimum physical standards*

| Item | Service | Male | Female |
|--------|-----------|-------|--------|
| Height | Army | 5'6" | 5'3" |
| | Navy | 5'6" | 5'3" |
| | Air Force | 5'6" | 5'4" |
| Weight | Army | 50 kg | - |

| | | | |
|-------|-----------|------------------|-----------|
| | Navy | 50 kg | 41 kg |
| | Air Force | 17<BMI<26 | 17<BMI<25 |
| Chest | | 32” (unexpanded) | - |

* Subject to revisions based on the military requirements

For Day Scholars

- (a) Being a citizen of Sri Lanka between 17-24 years of age on the closing date of application.
- (b) Having a Credit (C) pass or above for English Language at GCE (O/L) examination or a Credit (C) pass or above for English Language in London O/Ls or in any other equivalent foreign examination.
- (c) Having minimum of 3 simple passes(s) at the GCE (A/L) examination in mathematics, science or commerce stream and being qualified for university admission or possessing an equal qualification in London A/L s (Cambridge or Edexcel) or any other equivalent for foreign examination.

Other Requirements

- (a) Candidates who apply with High School Diplomas should have passes in SAT and TOFEL with a minimum score of 550 or IELTS with a minimum score of 6.5.
- (b) The applicants who apply under the category of “any other foreign examinations or equivalent qualifications in University Entrance Examinations in any other country” are advised to have relevant minimum qualifications at any other foreign examination that is equal to GCE A/L in Sri Lanka. Validation should be obtained from the Department of Examinations of Sri Lanka. It is also required to submit a letter from a recognized university / academy / higher educational institutions of the country from which he/she has achieved his/her qualifications certifying that the relevant qualification is sufficient to register in that university / academy / higher educational institution to follow an undergraduate course of study leading to a Bachelor’s Degree.

Selection Criteria

Candidates who have fulfilled the above qualifications shall be called for a written examination and those succeed at this examination will be called for an interview. The final selection will be on the merit basis.

Academic Procedures and Regulations

The Course Units System

GPA Course Units

GPA Course Units are those Course Units that have GPA credits. Such Course Units are considered for the calculation of Semester Grade Point Average (SGPA), Yearly Grade Point Average (YGPA) and Final Grade Point average (FGPA).

NGPA Course Units

NGPA Course Units are those Course Units that have Non-Grade Point Average (NGPA) credits. Such Course Units are not considered for the calculation of SGPA, YGPA and FGPA.

MGPA Course Units

MGPA Course Units are those Course Units that have Military Grade Point Average (MGPA) credits. Such Course Units are considered for the calculation of SGPA, YGPA and FGPA.

Grades and Grade Point Values of Course Units

Student performance is graded on a 12-point scale ranging from A+ to E as depicted below.

| Marks | Grade | GPV |
|--------------|--------------|------------|
| 85 – 100 | A+ | 4.20 |
| 75 – 84 | A | 4.00 |
| 70 – 74 | A- | 3.70 |
| 65 – 69 | B+ | 3.30 |
| 60 – 64 | B | 3.00 |
| 55 – 59 | B- | 2.70 |
| 50 – 54 | C+ | 2.30 |
| 45 – 49 | C | 2.00 |
| 40 – 44 | C- | 1.70 |
| 35 – 39 | D+ | 1.30 |

| | | |
|---------|---|------|
| 30 – 34 | D | 1.00 |
| 00 - 29 | E | 0.00 |

Incomplete examination results will be denoted by the following abbreviations.

IA- Incomplete Assessments

IE- Incomplete Examination

IB- Incomplete both

AB – Absent for a course unit

Ex- Excused on a valid reason

Grade Point Average (GPA)

The GPA is the credit weighted average of the grade points of value of all Course Units except NGPA Course Units taken in the degree programme. It is calculated for each semester (SGPA), for each year (YGPA) and for the entire degree programme (FGPA).

| Index | Meaning | Purpose |
|-------|---|--|
| SGPA | Cumulative GPA for a semester | To ascertain whether a student has or has not completed a particular semester |
| YGPA | Cumulative GPA for a year | To Ascertain whether a student can proceed to the following year without being relegated |
| FGPA | Cumulative GPA for a year entire period of a degree programme | To ascertain the overall performance of a student in the degree programme, i.e. to determine a Pass, a 2 nd Lower, a 2 nd Upper or a 1 st Class |

The GPA is calculated as follows.

$$GPA = \frac{\sum X_i Y_i}{\sum Y_i}$$

Where X_i = Grade Point Value of the i^{th} Course Unit

Y_i = Number of credits of the i^{th} Course Unit

Calculating Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the semester}}$$

The following is an example of the process of calculation of SGPA (Semester 1) of a Logistics Management student.

| <i>Course unit Code</i> | <i>Unit title</i> | <i>Course Type</i> | <i>Letter Grade earned</i> | <i>Earned GPV</i> | <i>Credit value</i> | <i>Earned GPV*Credit value</i> |
|-------------------------|--|--------------------|----------------------------|-------------------|---------------------|--------------------------------|
| MG 1113 | Principles of Management | GPA | A- | 3.70 | 3 | 11.10 |
| FN 1113 | Financial Accounting | GPA | B | 3.00 | 3 | 09.00 |
| FN 1123 | Economics | GPA | B | 3.00 | 3 | 09.00 |
| TM 1113 | Introduction to Transportation Management | GPA | A+ | 4.20 | 3 | 12.60 |
| SC 1113 | Introduction to Supply Chain Management | GPA | B+ | 3.30 | 3 | 09.90 |
| SC 1123 | Business Mathematics | GPA | C | 2.00 | 3 | 06.00 |
| SC 1133 | Principle of Marketing | GPA | D | 1.00 | 3 | 03.00 |
| LG 1111 | English: Basic study skills (LM) | GPA | B+ | 3.30 | 1 | 03.30 |
| IT 1172 | Introduction to Information Communication Technology | GPA | B+ | 3.30 | 1 | 03.30 |
| TOTAL | | | | | 23 | 67.20 |

$$SGPA = \frac{\text{Total Credit Points earned}}{\text{Total No. of Credits}} = \frac{67.20}{23} = 2.922$$

Calculating Yearly Grade Point Average (YGPA)

The Year GPA for a degree programme will be calculated for the fourth decimal place on the completion of two main semesters and the mid semester (if available) as follows

$$YGPA = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the Year}}$$

Calculating Final Grade Point average (FGPA)

The Final GPA for a degree programme will be calculated for the fourth decimal place on the completion of all requirements for such programmes as follows:

$$FGPA = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the degree programme}}$$

Criteria for Completing a Semester

Passing a semester

A student shall satisfy the following minimum requirements for the purpose of completing (passing) a particular semester. He/she should:

1. Obtain a SGPA of 2.0 or above for the whole semester,
2. Obtain a 'C' grade or above for all Course Units. However, not more than one GPA Course Unit with a 'D+' or a 'C-' grade shall be permitted per semester provided the SGPA is 2.00 or above.
3. Military course units which comprise of MGPA and courses conducted in respective military academies will be subject to the By-laws of FDSS (Please refer to By-laws promulgated by the FDSS).

Discontinuing a Student

Discontinuation from a Programme/s

A student shall be deemed to have discontinued from a degree programme at the University under following conditions.

- a) When a student has been unable to complete the degree programme within six (6) years or twelve (12) consecutive semesters (the maximum period).
- b) If a student has been determined to be unfit to continue his/her studies at the University by a competent medical board recommended by the University on account of an illness and/or a disability that has occurred after the enlistment of such student to the University, he/she shall have to discontinue his/her degree programme at the University automatically without paying compensation.
- c) In the case of officer cadets and Commissioned Officers the regulations of the By-laws are subject to the By-laws of the FDSS.

Award of the Degree

Criteria for Award

1. Satisfaction of the requirements for the completion of all semesters of the Degree Programme.
2. Fulfilment of the criteria for completing the examinations within the maximum stipulated time period for each degree programme from the date of the commencement of the Semester 1
3. Earning a GPA of not less than 2.00 for each semester and for the entire degree programme
4. Following a programme of study for the minimum stipulated period of time
5. Not having any E grades
6. Not having more than one GPA Course Unit with a 'D+' or a 'C-' grade in a semester
7. Not having a Grade less than 'C' for NGPA modules
8. Successfully completing the FGPA modules.

Award of Classes

1. Awarding of classes shall be determined at the completion of all requirements for graduation within the minimum time period stipulated for each degree programme. The stipulated time period is four (04) years.

2. Classes shall be awarded based on the FGPA as indicated below

| <i>FGPA</i> | <i>Result</i> |
|-------------|-------------------------------|
| 3.70 – 4.20 | First Class |
| 3.30 – 3.69 | Second Class (Upper Division) |
| 3.00 – 3.29 | Second Class (Lower Division) |
| 2.00 – 2.99 | Pass |

First Class

For the award of a First Class, a student shall:

- a) Have completed all the requirements within 6 semesters in the case of LM Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s).
- and
- b) have earned a GPA of not less than 3.70 for the entire Degree Programme
- and
- c) not have earned any failure grades (i.e. E)
- and
- d) not have earned grades below C for the entire Degree Programme at the time of finalizing the awarding of classes
- and
- e) not have earned a grade below “B+”(65%) in the last year examination in military training at respective Military Academies.

Second Class (Upper Division)

For the award of a Second Class (Upper Division), a student shall:

- a) have completed all the requirements within 6 semesters in the case of LM Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s);
and
- b) have earned a GPA of not less than 3.30 for the entire Degree Programme;
and
- c) not have earned any failure grades (i.e. E)
and
- d) not have earned a grade below “B” (60%) in the last year examination in military training at respective Military Academies.

Second Class (Lower Division)

For the award of a Second Class (Lower Division), a student shall:

- a) have completed all the requirements within 6 semesters in the case of LM Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s).
and
- b) have earned a GPA of not less than 3.00 for the entire Degree Programme
and
- c) not have earned any failure grades (i.e. E)
and
- d) not have earned a grade below “B” (60%) in the last year examination in military training at respective Military Academies.

Merit Awards

Students obtaining the highest FGPA in Military Studies and/or Academic Studies shall be entitled for the respective Awards/Medals/Trophies of merit.

Awards/Medals/Trophies

The Awards/Trophies to which students may be eligible on the recommendation of relevant authorities and the approval of the BOM are:

- i. Trophy for the First in Order of Merit awarded by Gen. SC Ranatunga VSV, USP, psc.
- ii. Best officer cadet Army/Navy/Air Force
- iii. Trophy for the best overall performance in Academic Studies – Logistics Management Stream.
- iv. Trophy for the best overall performance in Academic Studies – Management & Technical Sciences Stream
- v. Trophy for the best overall performance in Academic Studies – Social Sciences Stream.
- vi. Trophy for the best Sportsman awarded by the KDU
- vii. The Sword of Honour

Credit Distribution (LM)

Credit allocations for modules have been done according to the Qualifications Framework of University Grants Commission of Sri Lanka. One credit is equivalent to 15 hours of lectures or 30-45 hours of laboratory studies or 45 hours of field studies/clinical work or minimum of 90 hours of industrial training. Cadets are supposed to earn Military Credits in addition to the GPA credits of the programmes. Non GPA (NGPA) modules will not be considered for the final GPA of the student. However, students must pass the NGPA modules with minimum C pass. Credit Allocation of the degree programme is as follows.

| Semester | GPA | NGPA | MGPA |
|--------------|------------|-----------|-----------|
| Semester I | 22 | 2 | 4 |
| Semester II | 21 | 2 | 4 |
| Semester III | 24 | - | 6 |
| Semester IV | 18 | 1 | 4 |
| Semester V | 21 | - | 21 |
| Semester VI | 15 | - | 15 |
| Total | 121 | 05 | 54 |

PROGRAMME OUTCOMES

Outcomes of BSc in Logistics Management Degree Programme

Developed based on Sri Lanka Qualifications Framework (SLQF) Updated Version – September 2015

| Core Area | Categories of Learning Outcomes | Level descriptors (SLQF Level 5) | Expected Outcome | Modules |
|------------------|--|---|---|-----------------------|
| 1. Knowledge | 1. Subject / Theoretical Knowledge | Demonstrate knowledge and understanding of concepts and principles of the areas of study. Collect, analyse and interpret quantitative and qualitative data. | Comprehend the managerial theories and concepts in the fields of Supply Chain, Finance and Transportation. | Tested in each module |
| | 2. Practical Knowledge and Application | Develop arguments and make sound judgments in accordance with basic theories and concepts of the areas of study. Apply knowledge and understanding of concepts and principles of the areas of study. | Use theories and concepts of Logistics management effectively to make rational managerial decisions. | Tested in each module |
| 2. Skills | 3. Communication | Present information, ideas, and concepts efficiently and effectively. | Disseminate accurate and reliable information, ideas and concepts effectively in both oral and written forms in a manner that is appropriate for professional settings in the field of Logistics Management | Tested in each module |

| | | | | |
|---|---|--|---|-----------------------|
| | | | | |
| | 4. Teamwork and Leadership | Exercise personal/team responsibility, and leadership in the professional environment/work place. | Function appropriately and effectively as an individual and as a member or a leader in diverse teams in Logistics arenas. | Tested in each module |
| | 5. Creativity and Problem Solving | Develop arguments and make appropriate judgments in accordance with theories and concepts of the areas of study. | Utilize innovative approaches in critical thinking and problem solving by analyzing situations in the field of Logistics to select viable solutions | Tested in each module |
| | 6. Managerial and Entrepreneurship | Take initiative, assume personal responsibility and demonstrate accountability. | Take risk on entrepreneurial initiatives by engaging in new venture creation. | Tested in each module |
| | 7. Information Usage and Management | Demonstrate specialized transferable skills related to ICT skills. | Exhibit the application of modern ICT in dynamic logistics operations. | Tested in each module |
| | 8. Networking and Social Skills | Ability to work in teams and provide leadership. | Inculcate socializing and leadership skills for personal and professional advancement. | Tested in each module |
| 3. Attitudes, Values, Professionalism and Vision for life | 9. Adaptability and Flexibility | Develop appropriate strategies for adapting to changing environments. | Reflect willingness and readiness to adopt in a changing business context. | Tested in each module |
| | 10. Attitudes, Values and Professionalism | Exercise initiative, personal responsibility and accountability in tasks performed. Demonstrate | Build a logistician with professional code of conduct, positive attitudes and ethical responsibility | Tested in each module |

| | | | | |
|--------------------------|---------------------------------------|--|--|--|
| | | positive attitudes and social responsibility. | | |
| | 11. Vision for Life | Clearly identify where one wants to be and develop long term goals accordingly. Acquire new competencies that will enable them to assume major responsibilities. | Groom intellectuals to assume major responsibilities in logistics management by developing interpersonal competencies to meet their career goals. | Tested in each module |
| 4. Mind-set and Paradigm | 12. Updating Self / Lifelong Learning | Undertake further training and develop additional skills that will enable them to make sound decisions. Identify ways of independent learning and lifelong learning. | Create an environment to demonstrate a heightened self-awareness and identify areas of training for further development of conceptual, human and technical skills for empowering life-long learning. | Dissertation Industrial Training Entrepreneurship Exhibition Social Skills Programmes Logistics day etc |

LM Semester Module Allocation

Semester I

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|--|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| MG 1113 | Principles of Management | √ | √ | √ | 3 | | |
| MG 1123 | Principles of Financial Accounting | √ | √ | √ | 3 | | |
| FN 1113 | Economics | √ | √ | √ | 3 | | |
| TM 1113 | Introduction to Transportation Management | √ | √ | √ | 3 | | |
| SC 1113 | Introduction to Supply Chain Management | √ | √ | √ | 3 | | |
| SC 1123 | Business Mathematics | √ | √ | √ | 3 | | |
| SC 1133 | Principle of Marketing | √ | √ | √ | 3 | | |
| DL 1111 | English: Basic Study Skills (LM) | √ | √ | √ | 1 | | |
| IT 1172 | Introduction to Information Communication Technology | √ | √ | √ | 1 | | |
| MS 1114 | Military Studies -I | √ | √ | √ | | | 4 |
| | Total | | | | 23 | | 4 |

Semester II

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|-------------------------------------|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| FN 1213 | Cost Accounting | ✓ | ✓ | ✓ | 3 | | |
| MG 1213 | Human Resources Management | ✓ | ✓ | ✓ | 3 | | |
| SC 1213 | Business Law | ✓ | ✓ | ✓ | 3 | | |
| SC 1223 | Procurement Management | ✓ | ✓ | ✓ | 3 | | |
| MG 1223 | Disaster Management | ✓ | ✓ | ✓ | 3 | | |
| SC 1232 | International Trade | ✓ | ✓ | ✓ | 2 | | |
| MG 1232 | International Relations | ✓ | ✓ | ✓ | | 2 | |
| SC 1243 | Business Statistics | ✓ | ✓ | ✓ | 3 | | |
| DL 1211 | English: Advanced Study Skills (LM) | ✓ | ✓ | ✓ | 1 | | |
| MS 2024 | Military Studies – II | ✓ | ✓ | ✓ | | | 4 |
| | Total | | | | 21 | 2 | 4 |

Semester III

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|---|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| MG 2113 | Research Methodology | ✓ | ✓ | ✓ | 3 | | |
| FN 2113 | Management Accounting | ✓ | | | 3 | | |
| FN 2123 | Computer Application for Accounting | ✓ | | | 3 | | |
| FN 2133 | Advanced Financial Accounting | ✓ | | | 3 | | |
| FN 2143 | Auditing & Taxation | ✓ | | | 3 | | |
| FN 2152 | Public Financial Management | ✓ | | | 2 | | |
| TM 2113 | Port Operations and Management | | ✓ | ✓ | 3 | | |
| SC 2113 | Inventory & Warehouse Management | | ✓ | | 3 | | |
| SC 2123 | Legal Aspects of Supplies & Material Management | | ✓ | | 3 | | |
| TM 2122 | Transport Economics | | ✓ | ✓ | 2 | | |
| SC 2133 | International Freight Transportation | | ✓ | | 3 | | |
| TM 2133 | Transport Modelling | | | ✓ | 3 | | |
| TM 2143 | Transport Data Collection & Analysis | | | ✓ | 3 | | |
| TM 2153 | Terminal Planning and Operations | | | ✓ | 3 | | |
| MG 2133 | Entrepreneurship Development | ✓ | ✓ | ✓ | 3 | | |
| MG 2123 | Operations Research | ✓ | ✓ | ✓ | 3 | | |
| MS 2112 | Strategic Defence Studies * | ✓ | ✓ | ✓ | | | 2 |
| MS 2124 | Military Studies – III | ✓ | ✓ | ✓ | | | 4 |
| DL 2111 | English: Writing and Speaking Skills (LM) | ✓ | ✓ | ✓ | 1 | | |
| | Total | | | | 24 | | 6 |

Mid Semester I

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|---|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| MG 2010 | Research Proposal Evaluation | ✓ | ✓ | ✓ | | | |
| MS 2020 | Presentation Skills Development Project | | | | | | |
| | Total | | | | | | |

Other Activities during the Mid Semester I: Industrial Visits.

Semester IV

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|--|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| MG 2213 | Project Management | ✓ | ✓ | ✓ | 3 | | |
| MG 2225 | Research Project | ✓ | ✓ | ✓ | 5 | | |
| FN 2213 | Corporate Finance | ✓ | | | 3 | | |
| FN 2223 | Military Accounting OR | ✓ | | | 3 | | |
| FN 2233 | Financial Reporting | | | | | | |
| SC 2213 | Computer Based Application for Supplies & Materials Management | | ✓ | | 3 | | |
| SC 2223 | Strategic Logistics Management | | ✓ | | 3 | | |
| SC 2233 | Military Logistics OR | ✓ | ✓ | ✓ | 3 | | |
| SC 2243 | Strategic Marketing Management | | | | | | |
| TM 2213 | Transport Network Planning and Optimization | | | ✓ | 3 | | |
| TM 2223 | Transport Policy Analysis | | | ✓ | 3 | | |
| DL 2211 | English: Research Writing Skills (LM) | ✓ | ✓ | ✓ | 1 | | |
| DL 2221 | Sinhala: Basics for Beginners (LM) | ✓ | ✓ | ✓ | | 1 | |
| DL 2231 | Tamil: Basic for Beginners (LM) | | | | | | |
| MS 2214 | Military Studies – IV | ✓ | ✓ | ✓ | | | 4 |
| | Total | | | | 18 | 1 | 4 |

Semester V

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|--------------------------------------|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| | Military Training * | ✓ | ✓ | ✓ | | | 21 |
| FN 3113 | Portfolio Management | ✓ | | | 3 | | |
| MG 3123 | Risk Management | ✓ | | | 3 | | |
| MG 3143 | Production and Operations Management | ✓ | ✓ | ✓ | 3 | | |
| SC 3113 | International Business | ✓ | | | 3 | | |
| MG 3153 | Quality Management | | ✓ | ✓ | 3 | | |
| SC 3123 | Maritime Logistics | | ✓ | | 3 | | |
| TM 3113 | Reliability in Transportation | | | ✓ | 3 | | |
| MG 3133 | Ethics and Corporate Governance | ✓ | | | 3 | | |
| TM 3123 | Airline Business Management | | ✓ | ✓ | 3 | | |
| SC 3133 | Cargo Handling & Operations | | ✓ | ✓ | 3 | | |
| MG 3113 | Strategic Management | ✓ | ✓ | ✓ | 3 | | |
| MG 3163 | E-Commerce | ✓ | ✓ | ✓ | 3 | | |
| | Total | | | | 21 | | 21 |

Mid Semester II

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|-------------|-------------------------------|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| MG 3010 | Career Development Programmes | ✓ | ✓ | ✓ | | | |
| MG 3020 | Logistics Day | ✓ | ✓ | ✓ | | | |

Other activities during the Mid Semester II: Research Project Evaluation

Semester VI

| Course Code | Subject | Finance | Supply Chain Management | Transportation Management | GPA Credits | NGPA Credits | MGPA Credits |
|---|------------------------------|---------|-------------------------|---------------------------|-------------|--------------|--------------|
| Cadet Officers | | | | | | | |
| | Advanced Military Training * | ✓ | ✓ | ✓ | | | 15 |
| Day Scholars-6 Months Industrial Training | | | | | | | |
| MG 3219 | Industrial Training | ✓ | ✓ | ✓ | 9 | | |
| MG 3226 | Industrial Project Report | ✓ | ✓ | ✓ | 6 | | |
| | Total | | | | 15 | | 15 |

| | GPA | NGPA | MGPA |
|-------------------------|-----|------|------|
| Total credit allocation | 121 | 05 | 54 |

Subject codes notations:

MG – General Management subjects

TM – Transport

SC – Supply Chain

FN – Finance

IT – IT subjects offered to Management students

DL – Languages offered to Management Students

MS – Military Studies

The Military Training Programme

The military training program is a compulsory component for all medical students who are officer cadets and is run parallel to the medical curriculum. This program is conducted by the Faculty of Defence and Strategic Studies and enables officer cadets to confidently assume the responsibilities of commissioned officers of the armed forces.

The Department of Defence and Strategic Studies is under the guidance of the Dean of Faculty of Defence and Strategic Studies who is assisted by Squadron Commanders in charge of each intake and Troop Commanders in charge of each troop. These officers with the assistance of the other rank instructors impart the essential military knowledge both in the classroom and on the field to the officer cadets. The main components of military training include joint staff duties, leadership studies, land warfare, maritime warfare, air warfare, physical training, drill, weapon training, field craft, map reading, service writing and other methods of instructions which are crucial for the profession of arms.

Furthermore, an integral aim of military training is to inculcate discipline amongst the officer cadets. Diverse programmes are conducted to produce highly disciplined officers with high standards of integrity and loyalty.

Additional academic related activities

KDU Young Entrepreneurs

This concept was developed with multiple objectives; motivate, evaluate and empower undergraduates with their creativity and innovation skills in business of undergraduates. For the first time ever in the history of KDU, undergraduates of intake 30 in Logistics Management and Management & Technical Sciences were given a group assignment to generate a new business idea and exhibit it in the event called “KDU Young Entrepreneurs”. The students’ efforts are evaluated by panel of judges who select the best business idea. Finally, students prepared a complete business plan based on the ideas exhibited.

Field Visits

Field visits are organised for the modules where practical application is much needed. Annually students are taken to Sri Lanka Ports Authority (SLPA), Bandaranaike International Airport, warehouses and factories for the modules on Port Operations and Management, Terminal Planning and Operations, Inventory and Warehouse Management etc.



Logistics Day

Logistics Day is an event organized by the final year students of the Department of Management and Finance under a relevant and timely theme for logistics management. It contains guest speeches, inter university quiz competition, photographic competition and student performance. It is a gathering for many professionals from industry, academia etc. The Department also launches the magazine called 'Logistics Times' in every logistics day.



Opportunities for Higher Studies for the LM Graduates

BSc in Logistics Management degree programme will provide the undergraduate an insight into the theoretical and practical dimensions of organizations and management and the changing external environment in which they operate. By tracing the roots of the subjects in the management and putting that into the context of modern business and current organizations, the undergraduates will develop a deep understanding and appreciation of the complexity and diversity of management processes in the competitive environment.

Students will acquire a wide-range of transferable skills, including: self-reflection, self-management and self-awareness; critical thinking, problem solving and interpretive skills; effective written and oral communication. Further, by using technical sciences in business applications, numeracy, quantitative skills and the ability to conduct research into business and management issues. After the completion of BSc in LM degree, the graduates can select any postgraduate programme leads to Management field in any recognized university since the degree programme covers many of the management related subject modules.

Career Opportunities

Graduates day scholars find themselves working in a range of areas, including but not limited to shipping, freight forwarding, airlines, manufacturing, procurement etc. while the military students will be employed at their respective regiments in Sri Lanka Army, Sri Lanka Navy and Sri Lanka Air force.

KDU Facilities

The Library

General Sir John Kotelawala Defence University Library is an integral part of the professional development of all its users, and it supports the vision and mission of the university. The prime role of the library is to provide a suitable environment and to facilitate a variety of resources in multiple formats which enhance teaching, learning and research activities of the university.



Language Laboratories

There are two language laboratories of the faculty maintained under the Department of Languages. One of them is Level III Laboratory which mainly focus on listening and speaking skills. Students are given audio taped materials to improve their listening skills. Main benefit of this level III laboratory provides an opportunity for students to record and listen to their own speech. of Languages.



IT Facilities

The university provides free wifi, computer lab facility and technical support for all the students and the staff of the university. The Computer Lab and the IT Support Centre is located on the second floor of the Academic Wing of the university. The students have the access to IT laboratory and the IT Support Centre from 0800 hrs to 1600 hrs on weekdays.



Medical Facilities

KDU Hospital and the University Medical Centre Students provides necessary health care facilities for both Officer Cadets and Day-scholars. Most importantly, the university Medical Officer has the sole authority to issue medical certificates for students.



Cafeteria Facilities

The university cafeteria located in the ground floor of the Medical Faculty building caters to the to the day-scholars and civil staff of the university. In addition to that the student can buy their snacks and other shop items from the Honour Shop situated in front of the Cadet Mess building.



Other Facilities

Gymnasium



Swimming Pool



Playground



Tennis Ground



Transportation



Free Wifi



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General Sir John Kotelawala Defence University

'For the Motherland Forever'