



**UNIVERSITY OF KYRENIA**

**FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES**

**Department of Logistics Management Programme**

**Course Catalogue**

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Dear Students,

Welcome to the University of Kyrenia Faculty of Economics and Administrative Sciences. You are about to begin the most rewarding educational experience of your life at a world brand university. I hope you will always be proud of your university where you will receive high quality and distinguished education beyond world standards. I wish a joyful, happy and successful university life for you all.

The University of Kyrenia Faculty of Economics and Administrative Sciences was established in 2016 with the goal of making a difference in education by ensuring a more well-rounded education combining theory and practice via well designed up-to-date undergraduate programs, offered by our departments consisting of Department of Logistic Management (English), Department of Business Administration (English), Banking and Finance (English), Tourism and Hospitality Management (English), Computer Information Systems (English), International Relations (English), and Social Work (Turkish). Faculty of Economics and Administrative Sciences

has a distinguished academic staff including professors, associate professors and assistant professors specialized in their fields. Our curricula reflect our devotion to develop knowledge, interests and competencies of our students in a friendly, peaceful, democratic and participatory academic environment.



**Prof. Dr. Mehmet Altınay**  
Dean of Faculty of Economics and  
Administrative Sciences

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# **Faculty of Economics and Administrative Sciences**

## **Logistics Management Programme**

### **General Information about the Department of Logistics Management**

Logistics management is a detailed process of organizing and implementing an operation. When it comes to business, that process is the flow of work from the beginning to the end, in order to fulfill customer expectations as well as those of relevant organizations. Logistic resources, such as tanks, pipelines, and ships, have the main objective of making products, equipment, and raw material flow easier throughout processes to maximize profits.

The logistic resources configuration mostly is applied to systems for its dependence and related demands and supply of product. Increasing global competition requires that the logistic managers of the future are equipped with modern knowledge, open to innovation and entrepreneurial individuals. The aim of our Logistics Management undergraduate program is to provide a modern logistics management training program which has been prepared by taking into consideration the changing economic and market conditions in national and international fields and the new needs of these conditions. is aware of the ethical, social and legal responsibilities of an enterprise, is researcher, open to innovation, entrepreneur, equipped with contemporary logistics management knowledge; to train qualified logistics managers of the future.

Since its inception, the Department of Logistics Management offers a Bachelors degree which had been a long felt need around the world. Logistics plays a fundamental role, in a wide range of activities in business, technology, industry & government as well as in numerous aspects of everyday life. In this respect the Department intends to provide graduates who can provide leadership to this vast and important industry.

Quite contrary to conventional educational approach which considers the teacher as the only facet and focus of education, our faculty positioned itself to ensure a student centered education. To this end, our teaching staff is open and accessible to all students and truly committed to an effective teacher-student interaction and teaching, both in and out of the classroom. Our faculty with its dynamic, highly experienced and internationally renowned academic staff as well as with its up-to-date programs aims to ensure excellence in education and cultivate first caliber professionals equipped with comprehensive knowledge

and competencies required to compete on a global scale and address the requirements of the national and international markets.

**Official length of programme:** 4 years (excluding one year of English preparatory class for English programme), 2 semesters per year, 14 weeks per semester

### **Profile of the Programme and Method of Education**

The course are being delivered by reputed staff with industrial background and class discussion, and individual projects are implemented as the method of education. The undergraduate programs blend fundamentals with hands-on design experience. Our curriculum is solely based on preparing our students for the challenges of the 21st century business world in an increasingly global, continuously changing and competitively demanding world.

### **Employment Opportunities**

Logistic manager's work at the heart of the organizations as they are the ones who ensure manufacturers are getting requisite raw materials and the finished goods and services are reaching the end consumers or any other desired destination. Logistics managers steer the company towards its growth. Logistics Manager is required in every business, whether big or small. A Logistic Manager is also known as Supply chain manager who manages the transport of inventories and raw materials, manufactured products and different goods and services from one place to the other. They get the help of the Council of Supply Chain Management Professional (CSCMP) who explains the Logistic manager the way to connect the suppliers to consumers in the production of the goods while handling the different steps in between. It is a job of a Logistic manager to have all the products in its proper condition and quantity is transported on the spot at the right time. They look after the companies following needs: Warehousing, Complete Inventory Control, Proper Transport arrangements, Handle Materials properly, Provide customer services.

**Total Credits:** 133 Credit

**Mode of study:** full time

**Qualification Awarded:** Bachelor of Science (B.Sc.)

### **Level of Qualification**

Qualifications Framework- European Higher Education Area (QF-EHEA): 1

**Admission requirement(s):** High School Diploma, Proof of English Language proficiency  
Admission of Turkish nationals is by Placement through a nationwide Student Selection Examination (ÖSS) administered by Assessment, Selection and Placement Centre (ÖSYM). Admissions of Turkish Cypriots is based on the University of Kyrenia Entrance and Placement exam. Admission of international students is based on their high school credentials.

### **Qualification Requirements**

For each programme the required University of Kyrenia Credits as mentioned previously, must be completed to graduate from the Faculty Marine Sciences. In Fisheries Technology Engineering 133 Credit equivalent to total 240ETCS is required.

ECTS is a credit system designed to make it easier for students to move between different countries. Since they are based on the learning achievements and workload of a course, a student can transfer their ECTS credits from one university to another so they are added up to contribute to an individual's degree programme or training. ECTS helps to make learning more student-centred. It is a central tool in the Bologna Process, which aims to make national systems more compatible.

ECTS also helps with the planning, delivery and evaluation of study programmes, and makes them more transparent ([http://ec.europa.eu/education/ects/ects\\_en.htm](http://ec.europa.eu/education/ects/ects_en.htm)).

A student is required to have minimum pass grade from each course and obtain minimum 2.00/4.00 cumulative Grade point Average (cumulative GPA).

**For further details please contact:**

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## **Examination Regulations, Assessment and Grading**

The examinations are a way of finding out whether the module objectives have been accomplished. Every module in the degree program has examinations. The type of examination to be held is given in each module description. At the beginning of each term, students are informed of the examination requirements. All examinations are done during the examination weeks. There are no lectures during examination weeks. Every effort is made to ensure that no more than one examination is taken by a student on the same day.

The assessment procedures, marking criteria, and examination regulations are also available for the students to examine if they wish so.

There may also be quizzes in each module to prepare the students better for the examinations. Written examinations are usually done for each module (except the graduation project, master's seminar and thesis). There are usually two written examinations for each course: a mid-term examination and a final examination. The midterm examinations are done around 8 weeks after the start of a new semester. The final examinations are done at the end of each semester. The examination dates are published in the university calendar at the beginning of each semester.

Students are allowed to take a make-up exam if they have a valid reason for missing the exam. The date and time of the make-up exams are announced by the dean's office.

Students failing a course are also allowed to take resit examinations. Under certain conditions, they may be allowed into the exams even though they have passed the course. Graduate degree has no retake examinations.

## Grading Scheme and Grades

| PERCENTAGE   | COURSE GRADE | COEFFICIENT |
|--------------|--------------|-------------|
| 90-100       | AA           | 4           |
| 85-89        | BA           | 3.5         |
| 80-84        | BB           | 3           |
| 75-79        | CB           | 2.5         |
| 70-74        | CC           | 2           |
| 65-69        | DC           | 1.5         |
| 60-64        | DD           | 1           |
| 50-59        | FD           | 0.5         |
| 49 and below | FF           | 0           |

## Programs Curriculum

### Logistics Management Program Curriculum

#### YEAR-1,

| Code    | Course Name   | Credit/ECS | Pre-Requisite |
|---------|---|------------|---------------|
| MTH171  | Mathematics for Economics and Business I                              | 3 (3-0-0 ) |               |
| EAS101  | Introduction to Economics: Micro Economics                            | 3 (3-0-0 ) |               |
| CMP151  | Introduction to Information Technologies                              | 3 (3-0-0 ) |               |
| AIT 101 | Principles of Kemal Atatürk and the History of the Turkish Revolution | 2 (2-0-0)  |               |
| TUR101  | Turkish I: Writing  | 2 (2-0-2)  |               |
| ENG101  | English for Academic Purposes I                                       | 3 (3-0-0)  |               |
| EAS 103 | Introduction to Business I  | 3(3-0-0)   |               |

|                |  |           |         |
|----------------|--|-----------|---------|
|                | <b>Total</b>                                   | <b>19</b> |         |
| ENG102         | English II                                     | 3(3-0-0)  | ENG101  |
| MTH 172        | Mathematics for Business & Economics II        | 3(3-0-0)  | MTH171  |
| CMP 152        | Computing Applications                         | 3(3-0-0)  | CMP151  |
| LOG 120        | Introduction to Logistics I                    | 3(3-0-0)  |         |
| EAS 102        | Introduction to Economics: Macro Economics     | 3(3-0-0)  | EAS101  |
| AIT 102        | Principles of Atatürk History of Revolution II | 0 (2-0-0) | AIT101  |
| TUR 102        | Turkish II: Oral Expression                    | 0 (2-0-0) | TUR101  |
|                | <b>Total</b>                                   | <b>15</b> |         |
|                |  |           |         |
| <b>YEAR- 2</b> |  |           |         |
| LOG210         | Introduction to Logistics II                   | 3(3-0-0)  | LOG120  |
| LOG211         | Principles of Transportation                   | 3(3-0-0)  |         |
| EAS 203        | Accounting I                                   | 3(3-0-0)  |         |
| EAS104         | Principles of Management                       | 3(3-0-0)  | EAS103  |
| AFC281         | Business Communication I                       | 3(3-0-0)  | ENG102  |
| EAS304         | Marketing                                      | 3(3-0-0)  |         |
| LOG220         | Supply Chain Management I                      | 3(3-0-0)  |         |
| AFC282         | Business Communication II                      | 3(3-0-0)  | AFC281  |
|                | <b>Total</b>                                   | <b>24</b> |         |
|                |  |           |         |
| EAS204         | Accounting II                                  | 3(3-0-0)  | EAS203  |
| MTH281         | Statistics I                                   | 3(3-0-0)  | MTH172  |
| LOG 221        | Internship                                     | 0(3-0-0)  |         |
| LOG50X         | Elective Course I                              | 3(3-0-0)  |         |
| LOG50X         | Elective Course II                             | 3(3-0-0)  |         |
| LOG50X         | Elective Course III                            | 3(3-0-0)  |         |
| LOG311         | Project Management                             | 3(3-0-0)  |         |
| EAS308         | Operations Management                          | 3(3-0-0)  |         |
|                | <b>Total</b>                                   | <b>21</b> |         |
|                |  |           |         |
| LOG320         | Global Logistics Management I                  | 3(3-0-0)  |         |
| EAS301         | Financial Management                           | 3(3-0-0)  |         |
| LOG50X         | Elective Course IV                             | 3(3-0-0)  |         |
| LOG50X         | Elective Course V                              | 3(3-0-0)  |         |
| LOG50X         | Elective Course VI                             | 3(3-0-0)  |         |
| LOG 321        | Internship II                                  | 3(3-0-0)  | LOG 221 |
| AFC302         | Quantitative Analysis for Management           | 3(3-0-0)  |         |

|                 |  |            |        |
|-----------------|--|------------|--------|
| <b>YEAR - 4</b> | <b>Total</b>                           | <b>21</b>  |        |
| LOG410          | Retail Management and Retail Logistics | 3(3-0-0)   |        |
| LOG411          | Purchasing and Procurement             | 3(2-0-0)   |        |
| LOG412          | Global Logistics Management II         | 3(3-0-0)   | LOG320 |
| LOG50X          | Elective Course VII                    | 3(3-0-0)   |        |
| LOG50X          | Elective Course VIII                   | 3(3-0-0)   |        |
| LOG50X          | Elective Course IX                     | 3(3-0-0)   |        |
|                 | <b>Total</b>                           | <b>18</b>  |        |
| LOG420          | Total Quality Management               | 3(3-0-0)   |        |
| LOG421          | E-Logistics                            | 3(2-0-0)   |        |
| LOG422          | Applied Workshop in Logistics          | 3(3-0-0)   |        |
| LOG492          | Research Methods                       | 3(2-0-2)   |        |
| LOG 499         | Graduation Project                     | 3(4-0-0)   |        |
|                 | <b>Total</b>                           | <b>15</b>  |        |
|                 | Total Credit:                          | <b>133</b> |        |

## Logistics Management Programme

### Course objectives and contents

| Code          | Course Name                                     | Credit/ECS        |
|---------------|---|-------------------|
| <b>MTH171</b> | <b>Mathematics for Economics and Business I</b> | <b>3 (3-0-0 )</b> |

The objective of the course is to enlighten and teach the students some Mathematical tools that are used in some basic calculations concerning Business and Economics, which includes Simple Interest, Compound interest, annuities e.t.c. Some tools such as linear equations shows

how to calculate some aspects of demand and supply, linear inequalities which assists in maximizing profits, minimizing costs and what have you. So many mathematical tools that assist in such calculations will be explored in the course. Functions, limit and continuity, derivative and applications, extreme values, graphing.

|               |   |                   |
|---------------|---|-------------------|
| <b>EAS101</b> | <b>Introduction to Economics: Micro Economics</b> | <b>3 (3-0-0 )</b> |
|---------------|---|-------------------|

The Scope and Method of Economics, The Economic

Problem: Scarcity and Choice, Demand, Supply, and Market Equilibrium, Demand and Supply Applications and Elasticity, Household Behavior and Consumer Choice, The Production Process: The Behavior of Profit Maximizing Firms.

**CMP151 Introduction to Information Technologies 3 (3-0-0)**

Introduction to the World of the Computer, Defining the Computer, The History of Computer, Computer Generations, Elements of Computer Systems, Hardware of Computer, Classification of Computers, Principle of Computer Working, Using the Computer and MS-Dos Operating System, Dos Editor.

**AIT 101 Principles of Kemal Atatürk and the History of the Turkish Revolution 2 (2-0-0)**

A Definition of the Revolution. The aim and the importance of the Turkish history of the revolution. General state of the Ottoman Empire, the reason for the decline. Efforts to save the Ottoman Empire. The current ideas. The First world War. Societies. Mustafa Kemal in Anatolia and the Congresses. The opening of the Great Turkish National Government. National and International policy. The Mudanya treaty. Lausanne conference.

**TUR 101 Turkish I: Writing I 2 (2-0-2)**

**ENG101 English for Academic Purposes I 3 (3-0-0)**

The course reinforces academic reading skills (finding the main idea, skimming, scanning, inferring information, guessing vocabulary from context, etc.) through reading selections on a variety of topics. It also aims at developing critical thinking, which enables students to respond to the ideas in a well organized written format. Other reading related writing skills such as paraphrasing and summarizing are also dealt with.

|                |  |                 |
|----------------|--|-----------------|
| <b>EAS 103</b> | <b>Introduction to Business</b>  | <b>3(3-0-0)</b> |
|                | The course content includes evolution and diversity, structure and function at level of organisms, response of the organisms to their biological and physical environments, basic concepts in ecology and marine biology.  |                 |
| <b>ENG102</b>  | <b>English II</b>  | <b>3(3-0-0)</b> |
|                | The course reinforces academic writing skills. In this course students write different types of essays based on the ideas they are exposed to in the reading selections. The emphasis is on the writing process in which students go through many stages from brainstorming and outlining to producing a complete documented piece of writing.   |                 |
| <b>MTH 172</b> | <b>Mathematics for Business &amp; Economics II</b>   | <b>3(3-0-0)</b> |
|                | The objective of the course is to enlighten and teach the students some Mathematical tools that are used in some basic calculations concerning Business and Economics, which includes Simple Interest, Compound interest, annuities, marginal cost, marginal revenue, marginal profit, elasticity of demand e.t.c. Some tools such as differentiation and integration shows how to calculate some changes in demand and supply e.t.c So many mathematical tools that assist in such calculations will be explored in the course. |                 |
| <b>CMP 152</b> | <b>Computing Applications</b>  | <b>3(3-0-0)</b> |
|                | Introductionto Windows, Windows Commands, Howthewindowscommandswork, Introductionto Microsoft Office, Microsoft Word, Microsoft Power Point, Microsoft Excel and Project of Microsoft Power point. At the end of this course, student will be fully able to use Microsoft Word, Excel and PowerPoint. Also, student has to present a term project.   |                 |
| <b>LOG 120</b> | <b>Introduction to Logistics I</b>   | <b>3(3-0-0)</b> |
|                | Definitions and Significance of Logistics, Logistics Systems,  |                 |

Logistical Infrastructure, Transport Systems and Logistics Services, Warehousing, Handling, and Picking Systems.

**EAS 102      Introduction to Economics: Macro Economics      3(3-0-0)**

The main purpose of the course is to introduce main concepts and analysis tools to students. National income accounting, economic growth, aggregate demand and its components, macroeconomic problems such as unemployment and inflation as well as economic policies for these problems will be studied. Credit, banks and money, Economic fluctuations and unemployment, Unemployment and fiscal policy, Inflation and monetary policy, Technological progress, unemployment and living standards in the long run.

**AIT 102      Principles of Atatürk History of Revolution II      0 (2-0-0)**

With special reference to the Principals of Atatürk the course will examine the philosophy of the foundation and existence of the republican regime as well as the democratic developments in secular Turkey during the twentieth century and in the era of extending globalization.

A Definition of the Revolution is given; The aim and the importance of the Turkish history of the revolution. General state of the Ottoman Empire, the reason for the decline. Efforts to save the Ottoman Empire. The current ideas. The First world War. Societies. Mustafa Kemal in Anatolia and the Congresses. The opening of the Great Turkish National Government. National and International policy. The Mudanya treaty. Lousanne conference.

**TUR 102      Turkish II: Oral Expression      0 (2-0-0)**

**LOG210      Introduction to Logistics II      3(3-0-0)**

Inventory, Stock and Pre-Supply Management, Logistics Network Planning, Logistics Information Technologies, Logistics Investment and Finance.

**LOG211      Principles of Transportation**

Transportation's Role in the Economy, Transportation's Role in Global Trade Planning, Economics of Transportation, Motor Carrier Industry, The Railroad

Industry, The Airline Industry, 3PL Service Providers, Carrier Strategies, Shipper Strategies.

|                |   |                 |
|----------------|---|-----------------|
| <b>EAS 203</b> | <b>Accounting I</b>   | <b>3(3-0-0)</b> |
|                | This course is an introduction to the basic concepts and standards underlying financial accounting systems. Accounting the basis for business decision, Recording changes in financial position, Measuring business income, Completion of the accounting cycle, Accounting for merchandising activities.  |                 |
| <b>EAS104</b>  | <b>Principles of Management</b>   | <b>3(3-0-0)</b> |
|                | This course aims is to provide students with basic knowledge about Basic Management, Principles of Management, Management Functions Theory and Practice, The Nature of Planning, Decision-Making, The Nature and Purpose of Organising, Basic Departmentalization.  |                 |
| <b>AFC281</b>  | <b>Business Communication I</b>   | <b>3(3-0-0)</b> |
|                | This course aims to improve the student's ability to understand and use English Grammar and vocabulary in business context.   |                 |
| <b>EAS304</b>  | <b>Marketing</b>  | <b>3(3-0-0)</b> |
|                | Marketing, Creating Customer Value and Engagement, Company and Marketing Strategy, Partnering to Build Customer Engagement, Value, and Relationships, Analyzing the Marketing Environment.  |                 |
| <b>LOG220</b>  | <b>Supply Chain Management I</b>  | <b>3(3-0-0)</b> |
|                | Understanding the Supply Chain, Supply Chain Performance: Achieving Strategic Fit and Scope, Supply Chain Drivers and Metrics, Designing Distribution Networks and Applications to Online Sales, Network Design in the Supply Chain, Designing Global Supply Chain Networks, Demand Forecasting in a Supply Chain, Aggregate Planning in a Supply Chain |                 |



|                |  |                 |
|----------------|--|-----------------|
| <b>AFC282</b>  | <b>Business Communication II</b>   | <b>3(3-0-0)</b> |
|                | <p>This course presents a business story within the context and structure of two typical business communication situation. The target language items are described in terms of the functions they perform within the communicative structure of the meeting or negotiation.</p>  |                 |
| <b>EAS204</b>  | <b>Accounting II</b>   | <b>3(3-0-0)</b> |
|                | <p>The course aims at explaining how financial transaction reflects accounting record and accounting practices and also improving students' ability to prepare and interpret a financial statement. Plant and Equipment, Depreciation and intangible assets. Liabilities common to most business organisations. Partnership. Accounting Concepts, Professional Judgement and Ethical conduct. Special Types of Liabilities (Bonds payable). Corporations, Investment in Corporate Securities. Measuring cash flows. Analysis and interpretation of financial statements.</p>   |                 |
| <b>MTH281</b>  | <b>Statistics I</b>  | <b>3(3-0-0)</b> |
|                | <p>The objective of the course is to teach the students statistical analysis. This deals with the representation of data obtained from an experiment and find using some statistical tools some properties of such data like the mean, variance standard deviation e.t.c. Histograms, bar chart, frequency are all pictorial representation of a data which will be effectively digested and shown to the students. Frequency distributions and Graphing Frequency Distributions, Measures of Central Tendency, Measures of Dispersion and Skewness, Basic Concepts and Rules of Probability, Probability Distributions: Binomial, Poisson, Normal, and Chi-Square Distributions, Sampling Concepts, Sampling Distributions.</p> |                 |
| <b>LOG 221</b> | <b>Internship</b>  | <b>0(3-0-0)</b> |
|                | <p>Internship covers field experience at any work place (public or private).</p>   |                 |

|               |   |                 |
|---------------|---|-----------------|
| <b>LOG50X</b> | <b>Elective Course I</b>  | <b>3(3-0-0)</b> |
| <b>LOG310</b> | <b>Supply Chain Management II</b>   | <b>3(3-0-0)</b> |
|               | Managing Economies of Scale in a Supply Chain, Managing Uncertainty in a Supply Chain, Determining the Optimal Level of Product Availability, Transportation in a Supply Chain, Sourcing Decisions in a Supply Chain, Pricing and Revenue Management in a Supply Chain.   |                 |
| <b>LOG311</b> | <b>Project Management</b>   | <b>3(3-0-0)</b> |
|               | Projects in Contemporary Organizations, Strategic Management and Project Selection, The Project Manager, Project Activity and Risk Planning, Budgeting: Estimating Costs and Risks, Scheduling, Network Techniques: PERT and CPM, Resource Allocation, Monitoring and Information Systems, Project Termination. |                 |
| <b>EAS308</b> | <b>Operations Management</b>  | <b>3(3-0-0)</b> |
|               | Operations and Productivity, Operations Strategy in a Global Environment, Forecasting, Design of Goods and Services, Statistical Process Control, Capacity and Constraint Management, Location Strategies, Inventory Management, Material Requirements Planning (MRP) and ERP.                                  |                 |
| <b>LOG50X</b> | <b>Elective Course II</b>   | <b>3(3-0-0)</b> |
| <b>LOG50X</b> | <b>Elective Course III</b>  | <b>3(3-0-0)</b> |
| <b>LOG50X</b> | <b>Elective Course IV</b>   | <b>3(3-0-0)</b> |
| <b>LOG320</b> | <b>Global Logistics Management I</b>  | <b>3(3-0-0)</b> |
|               | Introduction to Global Logistics and Global Supply Chain Concepts, Internationalization Process for Businesses, Basis of International Trade and Environmental Analysis, Global Cargo Management, International Delivery Shapes, International Payment Shapes.  |                 |

|                |   |                 |
|----------------|---|-----------------|
| <b>EAS301</b>  | <b>Financial Management</b>   | <b>3(3-0-0)</b> |
|                | This course is the continuation of FIN 301. The principal methods of instruction will consist of interactive lecturing and problem-solving. The objective of this course is to give the students detailed information about capital budgeting, risk and return, cost of capital and long-term financial policy and short-term financial planning. |                 |
| <b>LOG50X</b>  | <b>Elective Course V</b>  | <b>3(3-0-0)</b> |
| <b>LOG50X</b>  | <b>Elective Course VI</b>   | <b>3(3-0-0)</b> |
| <b>LOG50X</b>  | <b>Elective Course VII</b>  | <b>3(3-0-0)</b> |
| <b>LOG 321</b> | <b>Internship II</b>  | <b>0(3-0-0)</b> |
|                | Internship covers field experience at any work place (public or private).   |                 |
| <b>AFC302</b>  | <b>Quantitative Analysis for Management</b>   | <b>3(3-0-0)</b> |
|                | Management Science, Linear Programming: Model Formulation and Graphical Solution, Linear Programming: Computer Solution and Sensitivity Analysis, Integer Programming, Transportation, Transshipment, and Assignment Problems, Network Flow Models.   |                 |
| <b>LOG410</b>  | <b>Retail Management and Retail Logistics</b>   | <b>3(3-0-0)</b> |
|                | Introduction to Retailing, Types of Retailers, Multichannel Retailing, Retail Logistics, Fresh Food Retail Logistics, The internationalization of the retail supply chain, Fashion Logistics and Quick Response, The development of e-tail logistics, CPFR (Collaborative Planning Forecasting and Replenishment) in Retailing.                   |                 |
| <b>LOG411</b>  | <b>Purchasing and Procurement</b>   | <b>3(3-0-0)</b> |
|                | General information about Purchasing and Procurement terms, The Role of Purchasing and Procurement in the Value   |                 |

Chain, Buying Behaviour & Decision Making in Purchasing, Purchasing and Procurement Management Process, Buying Business Services, Contract and Negotiation.

|               |   |                 |
|---------------|---|-----------------|
| <b>LOG412</b> | <b>Global Logistics Management II</b>   |                 |
|               | Introduction to Global Logistics and Global Supply Chain Concepts, Internationalization Process for Businesses, Basis of International Trade and Environmental Analysis, Global Cargo Management.   |                 |
| <b>LOG50X</b> | <b>Elective Course VIII</b>   | <b>3(3-0-0)</b> |
| <b>LOG420</b> | <b>Total Quality Mangement</b>  | <b>3(3-0-0)</b> |
|               | The basic concepts of quality and total quality management Definitions, the history of quality and TQM, 8 principles of TQM, Evolution of quality concepts and quality paradigms, Organization for total quality, process management Quality teams and teamwork processes, Basic problem solving tools for quality improvement Quality Improvement Tools 7 Basic Tools, Leadership and empowerment, Quality standards and award models TQM implementation and case studies, Quality through improvement: Six sigma, lean six sigma, kaizen, 5S, SPC Lean Manufacturing Poka-Yoke. |                 |
| <b>LOG421</b> | <b>E-Logistics</b>  | <b>3(3-0-0)</b> |
|               | Overview of Electronic Commerce, E-Marketplaces:Mechanisms, Tools and Impact of E-Commerce, Retailing in Electronic Commerce: Products and Services, B2B E-Commerce, Defining an e-supply chain management, The e-Business Economic Revolution: The Components and Impact of e-Business., Customer and Service Management: Utilizing CRM to Drive Value to the Customer.  |                 |
| <b>LOG422</b> | <b>Applied Workshop in Logistics</b>  | <b>3(3-0-0)</b> |
|               | Course is designed to develop an overall understanding of the principles of logistics management including accepted presentation techniques, listening skills, critical analysis of industrial and scientific presentations, participation in scientific discussions and introduction of speakers and invited guests.   |                 |

**LOG492      Research Methods      3(2-0-2)**

The course defines the understanding of science and engineering and describes the links between the interrelated technical subjects. Further, it considers the methods of scientific research and focuses on the five methods most widely used for natural sciences and engineering, giving much emphasis on experimental and field studies research methods. It also stresses the importance of integrated research methods. It stresses the important aspects of writing research proposal, presenting and report (thesis) writing. Finally it provides some information on research ethics.

**LOG 499      Graduation Project      3(3-0-0)**

The course requires the student to identify a research topic in a specialty area, write a concept paper and develop a proposal to be carried out in fisheries technologies and allied subjects.

**LOG500      Elective Courses**

**Air Transportation and Airport Logistics      3 (3-0-0 )**

Introduction and Industry Background, Regulation, Deregulation and Privatization of Air Transport, Global Trends in Aviation, Global Network Formation, and Inter-Carrier Alliances, Airline Management: Air Transport Demand and Costs & Financial Analysis Load Factors (LDF) and Breakeven LDF, Airline Route Planning, and Hub and Spoke Networks, Air Cargo, Express Courier Services, Air Freight Logistics Systems.

**Multimodal Transport Management      3 (3-0-0 )**

Overview of transportation, Development of multimodal transportation, Usage of multimodal transportation, Transportation system models, Network structure and models, Assessing multimodal transportation with network perspective, Multimodal transportation performance evaluation, Transportation planning and evaluation, Intermodal/multimodal loading units, Multimodal Road Rail Vehicles and Maritime Vessels.

**Cargo Operations & Packaging      3 (3-0-0 )**

The objectives of this course are to provide a fundamental understanding of the properties of packaging materials for use with different products, proper selection of packaging material for the stability and safety of goods, as well as the manufacturing of these materials and consequent packages. This course also provides the students with the basic knowledge of material handling, equipments, and technology necessary basic type of cargos, when become officer onboard. To give basic knowledge of the loading un loading operations, how to be prepare cargo holds conditions, before and after loading operation. To teach necessary basic knowledge of the calculation of the vessel stability. To teach necessary basic knowledge of the cargo stowing, securing, separation and cleaning. Students will gain knowledge in; Different kinds of cargo particulars, Transportation routes, Cargo documentation and their preparation.

### **Ports and Terminals**

**3 (3-0-0 )**

This course provides core concepts and tools relevant to specific subjects in area of maritime transport and port management, in order understand the ship/port operations, the harbours' activity and shipyard industry particularities and detailed look at the role and functions of the seaports and the responsibilities of organizations, companies and agencies that support it.

### **Port and Shipping Logistics**

**3 (3-0-0 )**

Objective of the Course: The course describes the importance of logistics activities in the maritime transport sector. The unit aims to provide students with a clear understanding of the key activities associated with the operations of port and logistics organizations and to provide clear references on the type of documentation required. The unit aims to provide students with a clear understanding of inventory and the associated process, the principles and operations of warehouses and understand inventory systems.

### **International Trade and Custom Procedures**

**3 (3-0-0 )**

This course involves understanding and application of skills to trade and customs as reflected by international standards and practice. Trade and Customs Practice guides the student on a step-by-step basis through the essential trade practice activities in international trading.

### **Human Resource Management**

**3 (3-0-0 )**

This course will cover many topics in HRM such as leadership, values, employment planning, recruiting and selecting employees, training and compensating them, and evaluating their performance. Course content: Human Resource Management is a specialization within the field of Management that encompasses several functions including the recruitment, selection, and maintenance of a qualified, motivated, and productive workforce. The effective performance of these functions requires understanding and skill in employment law, planning, job analysis, recruitment, selection, orientation, training, employee development, performance appraisal, compensation, benefits, safety, and labor relations. Even if you do not enter into a career in Human Resources, you should understand the topics covered in this course since the job of the general manager is to supervise people as well as financial and material resources. Since managers report that they spend about half their time dealing with "people-related" issues, it is important that you are introduced to the major topics associated with managing people in the context of the global marketplace.

### **Organisational Behaviour Credits**

**3 (3-0-0 )**

The purpose of this course is to help students understand organizations and take effective action in them by understanding the social dynamics and context shaping organizational life. This course gives the definitions of basic organizational concepts and micro and macro organizational theories.

### **Containerization and Intermodalism**

**3 (3-0-0 )**

Objective of the Course: The aim of the course is to provide the students the information about all kinds of cargoes carried in bulk and bale. The routes used and the forms and documents required. Content of the Course: The basic terms used for cargo carriage, cargo documents and preparation, Unitized cargos ( the containerization and paletization) ,Transportation of grains, Transportation of agricultural and forest products, Transportation of coals, Transportation of fertilizers, Transportation of ferrous ores, minerals and metals, Transportation of Chemicals, Transportation of reefer cargos I, Transportation of reefer cargos II,

Transportation of livestock and animal products,  
Transportation of livestock and animal products II,  
Transportation of vegetable oils and mineral oils