

3. Educational Programme ‘Logistics and Supply Chain Management’ with major in D3 «Management»

Guarantor of the Educational Programme
Doctor of Economic Sciences, Professor, Head of the Department of Logistics
*and Trade Business **Ilchenko N.B.***

3.1. PROFILE OF THE EDUCATIONAL PROGRAMME

1 – GENERAL INFORMATION	
Full name of the HEI and structural unit	State University of Trade and Economics Faculty of Trade and Marketing Department of Logistics and Trade Business
Level of higher education and qualification name in the original language	Second (Master’s) level of higher education Qualification – Master of Management
Field of study	D Business, Administration and Law
Specialty	D3 Management
Educational programme title	Logistics and Supply Chain Management
Restrictions on modes of study	No restrictions
Compliance with the Higher Education Standard of the Ministry of Education and Science of Ukraine	Complies with the Higher Education Standard of the MES of Ukraine (Order No. 959 dated 10.07.2019)
Type of diploma and scope of the educational programme	Master’s degree diploma, single. Scope of the educational-professional programme – 90 ECTS credits. Standard preparation period – 1 year 4 months
Accreditation status	Certificate of Specialty Accreditation UD 11020594, valid until 01.07.2027
Cycle, level of higher education	NQF of Ukraine – Level 7, FQ-EHEA – Second Cycle, EQF-LLL – Level 7
Academic backgrounds	Bachelor’s degree (Level 6 NQF) or higher
Language(s) of instruction	Ukrainian

Educational programme duration	Until a new version of the educational-professional programme is approved
Educational programme link	https://knute.edu.ua/
2 – EDUCATIONAL PROGRAMME AIM	
To develop modern managerial thinking and a system of specialized knowledge in the field of management among future specialists, understanding of the conceptual foundations of systemic supply chain management, and to acquire skills in making and implementing well-grounded management decisions in a dynamic external operating environment.	
3 – EDUCATIONAL PROGRAMME CHARACTERISTICS	
<i>Subject Area</i>	
<i>Object of study:</i> management of organizations and their subdivisions. <i>Learning objectives:</i> training specialists capable of identifying and solving complex tasks and problems in the field of management or in the learning process, which involve conducting research and/or implementing innovations and are characterized by uncertainty of conditions and requirements. <i>Theoretical content of the subject area:</i> - paradigms, laws, regularities; - principles, historical preconditions for the development of management; - concepts of systemic, situational, adaptive, anticipatory, anti-crisis, innovative, project management, etc.; - functions, methods, technologies, and management decisions in management. <i>Methods, techniques and technologies:</i> - general scientific and specific research methods (computational-analytical, economic-statistical, economic-mathematical, expert assessment, factual, sociological, documentary, balance, etc.); - methods of implementing management functions (marketing research methods; economic diagnostics methods; forecasting and planning methods; organizational management structure design methods; motivation methods; control methods; social, organizational, and economic efficiency assessment methods in management, etc.); - management methods (administrative, economic, socio-psychological, technological); - technologies for substantiating management decisions (economic analysis, simulation modelling, decision tree, etc.). <i>Tools and equipment:</i> modern information and communication equipment, information systems and software products used in management.	
<i>Orientation of the Educational Programme</i>	

Fundamental general economic training and orientation toward practical aspects of use of supply chain management tools among future specialists; applied, research-oriented qualities.

Main Focus of the Educational Programme

Developing professional competence in the effective application of logistics principles in supply chain management systems.

Key words: business processes, logistics, supply chain, enterprise logistics activities, optimization of logistics decisions for business entities, information logistics, commodity science, customs intermediary services, contractual relations.

Programme Features

In-depth study and knowledge of the specifics of logistics activity organization, logistics processes in manufacturing and trade, ensuring high quality of logistics services, and assessment of the economic efficiency of enterprise logistics activities.

4 – EMPLOYABILITY AND FURTHER LEARNING

Employment at enterprises of all types of economic activity in trade and business, at research institutions and higher education institutions, and in government bodies. Individual entrepreneurial activity. Graduates of higher education institutions who have obtained higher education in the specialty 'Management', educational-professional programme 'Logistics and Supply Chain Management', may: – be employed in professional fields such as public and private business structures that are subjects of entrepreneurial activity (in various organizational-managerial and financial-economic positions); – perform functional duties in public service (development and review of key trade documents at national, regional, and local levels); – practice educational and research activities at higher education institutions and research centres (conducting international economic research, developing economic forecasts and programs, and teaching academic disciplines). The list of professions and professional job titles is determined according to the current version of the State Classifier of Ukraine. A specialist with the Master's degree, according to the National Classifier of Professions DK 003:2010, may hold the following primary positions: director (manager), head of a regional structural unit, branch director, representative office director, department director, head of a transit base, head of a cargo yard, head of a container yard, head of a warehouse building, warehouse manager, head of a department (in transport), head of a transport department, head of a warehouse facility, shift supervisor (transport, warehouse), head of a container yard, head of a transshipment complex, head of a freight warehouse, head of a service (transport), head of material and technical supply department, head of a warehouse (fuel and lubricants, material and technical, etc.), director (manager) of a small enterprise (transport, warehouse), transport and forwarding activity manager, logistics manager, supply manager,

sales manager, foreign economic activity manager.

According to the National Classifier of Economic Activities DK 009:2010, and taking into account labour market requirements by types of graduate professional activity:

- Freight rail transport – H. 49.2;
- Freight road transport, provision of goods transportation services – H. 49.4;
- Freight sea transport – H. 50.2;
- Freight river transport – H. 50.4;
- Freight air and space transport – H. 51.2;
- Warehousing and ancillary transport activities – H. 52;
- Wholesale and retail trade of motor vehicles and motorcycles, their repair – G. 45;
- Wholesale trade, except motor vehicles and motorcycles – G. 46;
- Retail trade, except motor vehicles and motorcycles – G. 47;
- Warehousing – H. 52.1;
- Business and management consulting – M. 70.22;
- Packaging – N. 82.92;
- Provision of other ancillary commercial services (barcode application services) – N. 82.92.

Research activities.

Academic and pedagogical activities.

Further Learning

Study at the third educational-scientific level of Doctor of Philosophy. Acquisition of additional qualifications in the postgraduate education system.

5 – TEACHING AND ASSESSMENT

Teaching and Learning

Balanced combination of classroom and independent work on the basis of problem-oriented and interactive learning using modern educational technologies and methods, student-centred and problem-oriented teaching during practical and seminar sessions, self-study in preparation for classes.

Assessment

Assessment of student learning outcomes is carried out in accordance with the "Regulations on Assessment of Learning Outcomes of Students and Postgraduates at SUTE" and provides for the following assessment measures: current and final control, certification. Current control is conducted at practical/laboratory sessions and based on the results of independent study tasks. It involves assessing students' theoretical preparation during seminar sessions and the practical skills acquired during laboratory/practical assignments. Final control consists of assessment measures aimed at establishing the compliance (measurement, evaluation) of the person's acquired learning outcomes with the requirements of the educational

programme in the relevant educational component, which is carried out at the university in the form of a pass/fail test and an exam. Student learning outcomes at SUTE are assessed on a 100-point scale, where: 60–100 points – learning outcomes that entitle the student to earn ECTS credits; 0–59 points – unsatisfactory learning outcomes that do not entitle the student to earn ECTS credits.

6 – PROGRAMME COMPETENCIES

Integral Competence

The ability to solve complex tasks and problems in the field of logistics and supply chain management or in the learning process, which involve conducting research and/or implementing innovations under conditions of uncertainty of requirements and conditions.

General Competences (GCs)

GC1.	Ability to conduct research at an appropriate level;
GC2.	Ability to communicate with representatives of other professional groups at various levels (with experts from other fields of knowledge / types of economic activity);
GC3.	Skills in using information and communication technologies;
GC4.	Ability to motivate people and move towards a common goal;
GC5.	Ability to act based on ethical considerations (motives);
GC6.	Ability to generate new ideas (creativity);
GC7.	Ability for abstract thinking, analysis, and synthesis.

Professional Competences (PCs)

PC1.	Ability to select and use management concepts, methods, and tools, including in accordance with defined objectives and international standards;
PC2.	Ability to establish values, vision, mission, goals, and criteria by which an organization determines further directions of development, and to develop and implement relevant strategies and plans;
PC3.	Ability for self-development, lifelong learning, and effective self-management;
PC4.	Ability to effectively use and develop organizational resources;
PC5.	Ability to create and organize effective communications in the management process;
PC6.	Ability to form leadership qualities and demonstrate them in the process of managing people;
PC7.	Ability to develop and manage projects, and to display initiative and entrepreneurship;
PC8.	Ability to use psychological technologies in HR management;
PC9.	Ability to analyse and structure organizational problems, make effective management decisions, and ensure their implementation;
PC10.	Ability to manage an organization and its development;
PC11.	<i>Ability to assess and ensure the effective functioning of the management</i>

	<i>system for logistical business processes and supply chains, contributing to the optimization of logistical decisions;</i>
PC12.	<i>Ability to perform financial management in the field of logistics to ensure the economic efficiency of logistical decision-making and rational resource utilization;</i>
PC13.	<i>Ability to make operational decisions based on data and analytical reporting technologies in logistical activities.</i>
7 – PROGRAM LEARNING OUTCOMES	
1	Critically reflect on, select, and use the necessary scientific, methodical, and analytical tools for management in unpredictable environments;
2	Identify problems within an organization and justify methods for their resolution;
3	Design effective management systems for organizations;
4	Justify and manage projects, and generate entrepreneurial ideas;
5	Plan organizational activities from both strategic and tactical perspectives;
6	Possess skills in making, justifying, and ensuring the implementation of management decisions in unpredictable environments, considering the requirements of current legislation, ethical considerations, and social responsibility;
7	Organize and implement effective communications within the team, with representatives of various professional groups, and in an international context;
8	Apply specialized software and information systems to solve organizational management tasks;
9	Be able to communicate in professional and academic circles in both the state and foreign languages;
10	Demonstrate leadership skills and the ability to work in a team, interact with people, and influence their behaviour to solve professional tasks;
11	Ensure personal professional development and effective personal time management.
12	Be able to delegate authority and management of the organization (department);
13	Be able to plan and carry out information, methodical, material, financial, and personnel support for the organization (department);
14	<i>Understand the conceptual foundations of process management, principles, and methods of logistics business process management based on logistics management to optimize logistical decisions.</i>
15	<i>Understand the process of managing financial flows in a logistics system to optimize costs in supply chains and ensure the economic feasibility of logistics operations.</i>
16	<i>Be able to make operational decisions based on data and analytical reporting technologies in logistical activities.</i>
8 – RESOURCE SUPPORT FOR PROGRAM IMPLEMENTATION	

<i>Academic staff</i>
Fully complies with the Licensing Requirements for conducting educational activities. The educational and professional program ‘Logistics and Supply Chain Management’ is implemented by academic and teaching staff with scientific degrees and/or academic titles, who meet the requirements of the current legislation of Ukraine and possess a sufficient level of scientific and professional qualifications. Practitioners, representatives of professional associations, and foreign partners are also involved in the educational process. All academic and teaching staff undergoes internship / advanced training every five years.
<i>Material and Technical Support</i>
Fully complies with the Licensing Requirements for conducting educational activities. For the convenience of higher education students, a corporate remote learning system and the automated educational process management system "MIA: Osvita" are operational. The university is equipped with modern computer classrooms with specialized software, a Training and Research Centre for Business Simulation, and a Smart Library. All conditions have been created for the education of persons with disabilities. The social and domestic infrastructure of SUTE (State University of Trade and Economics) is available.
<i>Information, Teaching, and Methodological Support</i>
ECTS Information Package is developed for each educational program at the university. Through the personal account of the "MIA: Osvita" automated management system, every student can view and generate their own individual curriculum, view the study plan, earned grades for disciplines, class schedule, and communicate with participants of the educational process. Programs, working programs, syllabi of disciplines, and evaluation criteria for educational components are uploaded to the corporate distance learning platform. The university’s electronic repository provides full-text access to scientific and educational literature of SUTE, manuscripts of qualification papers, and dissertations for scientific degrees. For the convenience of higher education students, a Catalogue of Academic Disciplines has been developed, according to which students have the right to choose elective educational components.
9 – ACADEMIC MOBILITY
<i>National Credit Mobility</i>
National credit mobility is carried out within the framework of concluded memorandums of cooperation between SUTE and other higher education institutions (scientific institutions) of Ukraine in accordance with the legislation.
<i>International Credit Mobility</i>
The university has concluded cooperation agreements between SUTE and foreign higher education institutions, within the framework of which partner exchange and student training are carried out under International programs and projects within the Erasmus+ program.
<i>Education of Foreign Students of Higher Education</i>
Carried out in accordance with the requirements of current legislation.

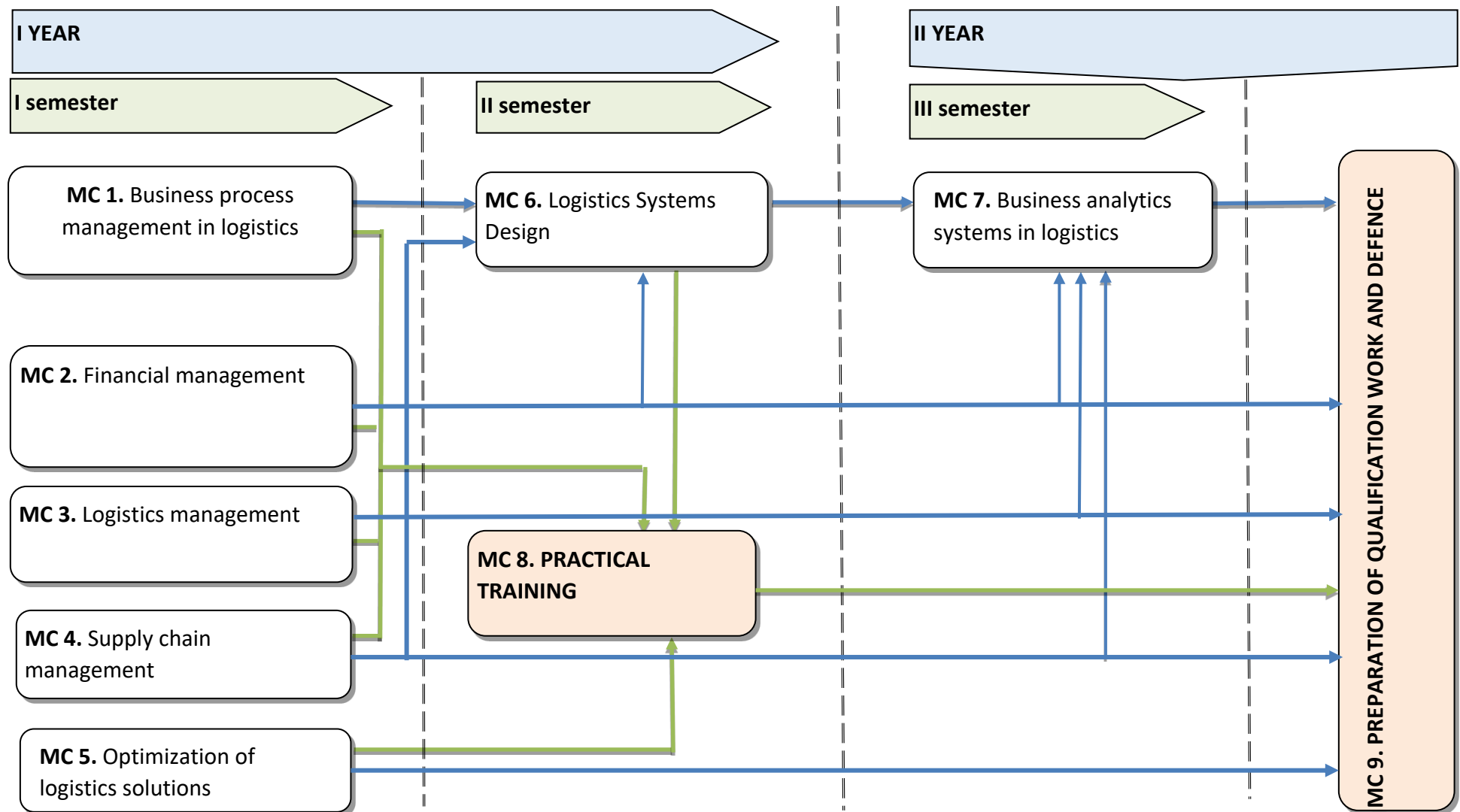
3.2. LIST OF EDUCATIONAL PROGRAMME COMPONENTS

3.2.1. LIST OF PROGRAMME COMPONENTS

Code	Programme Educational Components	ECTS Credits	Form of Control
<i>Mandatory Components</i>			
MC 1.	Business Process Management in Logistics (taught in English)	6	Exam
MC 2.	Financial Management	6	Exam
MC 3.	Logistics Management	6	Exam
MC 4.	Supply Chain Management	7.5	Exam
MC 5.	Optimization of Logistics Decisions	7.5	Exam
MC 6.	Logistics Systems Design	6	Exam
MC 7.	Business Analytics Systems in Logistics	6	Exam
MC 8.	Practical Training	9	Pass/Fail
MC 9.	Preparation of Qualification Thesis and Defence of Qualification Thesis	12	Defence
Total credits for mandatory components		66	
<i>Elective Components</i>			
EC 1.	Elective Component 1	6	Exam
EC 2.	Elective Component 2	6	Exam
EC 3.	Elective Component 3	6	Exam
EC 4.	Elective Component 4	6	Exam
Total credits for elective components		24	
TOTAL CREDITS FOR THE EDUCATIONAL PROGRAMME		90.0	

Students choose elective academic disciplines through their personal account on the MIA: Osvita portal. Descriptions of academic disciplines and their prerequisites are presented in the SUTE Catalogue of Academic Disciplines.

3.2.2. Structural-Logical Scheme of the



3. 3 FORM OF ATTESTATION FOR HIGHER EDUCATION STUDENTS

Certification is carried out in the form of a public defense of the qualification work.

The qualification work must involve solving a complex task or problem in the field of management, a task or problem in the field of management that requires research and/or innovation and is characterized by complexity and uncertainty of conditions, using theories and methods of economic science.

The qualification work must not contain academic plagiarism, falsification, fabrication.

The qualification work must be published on the official website of the higher education institution or its division, or in the repository of the higher education institution.

3.4. MATRIX OF PROGRAMME LEARNING OUTCOMES AND MANDATORY COURSE COMPONENTS

Components/ competences	MC 1	MC 2	MC 3	MC 4	MC 5	MC 6	MC 7	MC 8	MC 9
GC 1	+	+	+	+	+	+	+	+	+
GC 2	+	+	+	+	+	+	+	+	+
GC 3	+		+	+	+		+	+	+
GC 4	+	+	+	+	+	+		+	+
GC 5	+		+	+	+	+		+	+
GC 6	+	+	+	+	+	+	+	+	+
GC 7	+	+	+	+	+	+	+	+	+
PC 1	+	+	+	+	+			+	+
PC 2	+	+	+	+	+	+		+	+
PC 3	+	+	+					+	+
PC 4	+	+	+	+	+	+	+	+	+
PC 5	+		+	+	+			+	+
PC 6	+	+	+					+	+
PC 7	+					+		+	+
PC 8	+		+						
PC 9	+	+	+	+	+	+	+	+	+
PC 10	+	+	+	+	+	+	+	+	+
PC 11	+		+	+	+			+	+
PC 12		+						+	+
PC 13						+		+	+

3.5. MATRIX OF PROVIDING PROGRAM LEARNING OUTCOMES WITH MONDATPORY COMPONENTS OF THE EDUCATIONAL PROGRAM

Components/ competences	MC 1	MC 2	MC 3	MC 4	MC 5	MC 6	MC 7	MC 8	MC 9
1	+	+	+	+	+		+	+	+
2	+	+	+	+	+	+	+	+	+
3	+	+	+			+		+	+
4	+	+				+		+	+
5	+	+	+	+				+	+
6	+		+	+	+			+	+
7	+		+	+		+		+	+
8	+			+	+		+	+	+
9	+							+	+
10			+			+		+	+
11			+					+	+
12	+		+		+				
13	+	+	+	+	+		+	+	+
14	+		+		+			+	+
15		+						+	+
16					+		+	+	+

Developed by a working group:

1. Ilchenko Nataliya Borysivna, Head of the Department of Logistics and Trade Business, Dr. of Economics, Professor, Guarantor of the Educational Programme
2. Mazaraki Anatoliy Antonovych, Rector of SUTE, Dr. of Economics, Professor
3. Osyka Viktor Anatoliyovych, Dean of the Faculty of Trade and Marketing, Dr. of Engineering, Professor
4. Pryymuk Olha Romanivna, Associate Professor of the Department of Logistics and Trade Business, Candidate of Economic Sciences, Associate Professor
5. Kochubey Dmytro Vyacheslavovich, Associate Professor of the Department of Logistics and Trade Business, Candidate of Economic Sciences, Associate Professor
6. Chikhichyna Marina, 1st year student of the 8th group of the Faculty of Trade and Marketing
7. Chichkan Alina, 1st year student of the 8th group of the Faculty of Trade and Marketing

Reviews and feedback from external stakeholder:

1. Olena Volodymyrivna Dashko, ACE Logistics Ukraine LLC
2. Yaroslav Yaroslavovych Synchych, Director, BOXLINE UCL Ukraine LLC

LIST OF RECOMMENDED ELECTIVE COMPONENTS

Code	Education components	ECTS Credits
EC 1.	Investment Management	6
EC 2.	International Technical Regulation	6
EC 3.	International Trade Law	6
EC 4.	International Transport Law	6
EC 5.	Organization of Multimodule Transportation	6
EC 6.	Strategic Marketing	6