



**Syllabus on
«REVERSE LOGISTICS AND RECYCLING»**

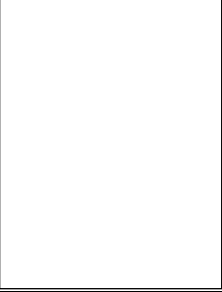
Educational Professional Program:

«Logistics»

Specialty: 073 “Management”

Field of study: 07 “Management and Administration”

Level of postsecondary education	Master
Course status	Subject is the selective component of EP
Year	1
Semester	2
Credit hours/academic hours	120/4,0
Language of course delivery	English
Course description	Formation of students' system knowledge on the basics of management of reverse flows, including flows of returns, waste, secondary raw materials, taking into account social, ecological and economic aspects
Course rationale (aim)	The aim of the subject is the development of students' abilities related to the mastery of management skills of all types of reverse flows, the awareness of their inseparableness from direct logistics flows and the direct impact on the level of service and the volume of costs in logistics chains
Learning outcomes	<ul style="list-style-type: none"> - to use the methodological toolkit of reverse flow management for solving practical problems - to acquire skills in reducing the volume of reverse flows, optimizing their logistical support - understanding the principles of cost calculation accompanying reverse flows - to acquire skills in forming the company's return policy - to study the ways of transformation of reverse flows into reused resources
Acquired skills and competencies	<p>After studying the subject, the student will be able to analyze the reverse flows of the enterprise, find out the causes and sources of the reverse flows and determine ways of reducing them.</p> <p>Thanks to the combination of social, ecological and economic approaches, the student will be able to find a rational way of managing the reverse flows of an enterprise or a supply chain.</p> <p>A preliminary study of the global experience of forming a return policy will allow you to choose the best option for handling returns on the part of the consumer market without losing their loyalty.</p> <p>Studying the subject will be a useful experience for those who plan to work in manufacturing or service companies related to a reverse flows</p>
Course content	<p>Course content: Basics of reverse logistics and recycling. Reverse flows. Logistics of e-commerce returns. Formation of the return policy of the online store. Costs of reverse logistics - economic, environmental, social. Zero return - effectiveness and feasibility areas of the scheme. Waste as an object of reverse logistics. Information technologies for reverse logistics. Recycling.</p> <p>Teaching methods: discussion, analysis of business cases, online</p> <p>Format of learning: full-time, part-time</p>
Prerequisites	Knowledge of supply chain risk management, supply chain design,

	business analysis and data processing
Application	The knowledge can be used during the writing of the master's thesis
Information Resources	<p>NAU repository: Cluster Policy of Innovative Development of the National Economy: Integration and Infrastructure Aspects.</p> <p>List of references</p> <ol style="list-style-type: none"> 1. Marchuk V.E., Hryhorak M.Yu. Reverse logistics and recycling of knowledge-intensive products: scientific and methodical publication, National Aviation University, 2013. 2. Innovative logistics: concepts, models, mechanisms: collective monograph/ National Aviation University, Kyiv: Logos, 2015. 3. Hrytsenko S.I., Savchenko L.V. Ecology. The study guide is a guide for those who have obtained the "Bachelor" degree program in the "Management" specialty. - K.: NAU, 2021. - 260 p.
Location and technical support	Auditoriums of theoretical training, practicals, computer software, multimedia equipment, Google Classroom
Assessment methods, final examinations	Testing, Practical Task, Graded Test
Department	Logistics Department
Faculty	Faculty of Transportation, Management and Logistics
Instructor	 <p>SHCHEKHOVSKA LARYSA MYKOLAIVNA</p> <p>Position: senior teacher Teacher's profile:</p> <p>Phone.: +38(097) 444-2175 E-mail: larysa.shchekhovska@npp.nau.edu.ua Office:</p>
Course authenticity	Author's course
Course URL	In process