

Country	Institution	Common Module	ECTS
BG	G. S. Rakovski National Defence College	Basics of Military Logistics Information Systems	2.0

Service(s)	Minimum Qualification of Instructors
Logistics	<ul style="list-style-type: none"> English: Common European Framework of Reference for Languages (CEFR) Level B2 or minimum NATO STANAG 6001 Level 3. Relevant academic publications and international experience.
Language English	<ul style="list-style-type: none"> Subject Matter Experts (SMEs) in specific module topics. Instructors should be proficiently using military logistics information systems (MLIS) software applications. Possess strong communication, collaboration, and problem-solving skills.
SQF MILOF	<ul style="list-style-type: none"> Competence area – Military Technician Learning area – Sustaining the Force Organisational level – Single Arm/Branch

Prerequisites for international participants	Contents of the Module
<ul style="list-style-type: none"> English: Common European Framework of Reference for Languages (CEFR) Level B1 or minimum NATO STANAG 6001 Level 2. Minimum of 2 year of national (military) higher education. Basic knowledge of EU (NATO) logistics documents. Good presentation and communication skills. 	<ul style="list-style-type: none"> The implementation of Military Logistics Information Systems during full spectrum operations The role of military logistics information systems to sustain full spectrum operations of the subunits.

Learning outcomes	Knowledge	<ul style="list-style-type: none"> Understand the purpose and functionality of the military logistics information system in military logistics. Understand the functions performed by each component (module), including data collection, storage, processing, and dissemination.
	Skills	<ul style="list-style-type: none"> Identify key components and modules of the military logistics information system (MLIS) and their functions, options, and critical requirements. Analyse MLIS data and generate reports to support the logistic decision-making process.
	Responsibility & Autonomy	<ul style="list-style-type: none"> Develop MLIS databases, ensuring accuracy and security of data. Work with subject matter experts (SMEs) to understand requirements.

Verification of learning outcomes:

• Observation:

- During practical sessions, cadets/students should be observed and assessed to ensure they understand the material, allowing for remedial action if necessary.
- Case studies or scenarios where students must demonstrate their understanding of real-world applications of MLIS principles.
- Practical exercises or simulations where cadets (students) apply their technical, analytical, communication, and problem-solving skills to support logistic decision-making.

• Test:

- A written test will be administered at the end of the module.

Module details

Topic	Residential	Details
Military Logistics Information Systems	2	<ul style="list-style-type: none"> • Introduction to the Military Logistics Information Systems • Functional Service Applications • Multinational Information Systems
Logistics Databases Management	3	<ul style="list-style-type: none"> • Logistic Infrastructures • Logistic Networks • Logistic Units
Movement and Transportation Planning	3	<ul style="list-style-type: none"> • Strategic Movement Planning • Operational Movement Planning • Tactical Movement Planning
Sustainment Planning	3	<ul style="list-style-type: none"> • Sustainment Planning • Supply Chain Management • Sustainment and Supply analysis
Host Nation Support Planning	3	<ul style="list-style-type: none"> • Host Nation Support Requirements • Identifying Host Nation Capabilities • Warehousing Management
Logistics Execution Tools	3	<ul style="list-style-type: none"> • Simulation of logistics flow • Monitoring of Movement and Transportation • Supply Chain Visibility
Logistic Reporting	3	<ul style="list-style-type: none"> • Manage logistics information • Logistics Environment Analysis • Logistics Assessment
Total lecture WH	20	
Additional hours (WH) to increase the learning outcomes		
Self-Studies. Create and manage Logistics Databases	10	<ul style="list-style-type: none"> • Create and manage Logistic Infrastructures, Networks and Units • Exchange Logistics Databases
Self-Studies. Movement and Sustainment Practical Training	14	<ul style="list-style-type: none"> • Create Transportation Holdings • Create Lines of Communication • Deconfliction of Movement Timing • Packaging and Distribution Analysis • Identification of Operational and Logistics Factors
Self-Studies. Create Logistics Reports	6	<ul style="list-style-type: none"> • Create a report on the current logistics situation • Create a Movement and Transportation Report

		<ul style="list-style-type: none"> Create a Sustainment Report Overall Logistics Situation
Total WH	50	The course director determines the exact number of hours dedicated to each main topic in accordance with national law or the regulations of the home institution.

List of Abbreviations:

B1, B2 CEFR Levels
 BG Bulgaria
 CEFR Common European Framework of Reference for Languages
 ECTS European Credit Transfer and Accumulation System
 EU European Union
 NATO North Atlantic Treaty Organization
 MLIS Military Logistics Information System
 SME Subject Matter Experts
 STANAG Standardization Agreement
 WH Working Hour