

**Logistics Engineering BSc**

	Subject name and Neptun Code	Institute of	1st sem. Fall	2nd sem. Spring	3rd sem. Fall	4th sem. Spring	5th sem. Fall	6th sem. Spring	7th sem. Fall	cr.		
Natural Sciences	Linear Algebra (GEMAN213-B2a)	Mathematics	2 + 2							5	exam	
	Mathematics in Logistics I. (GEMAN610-B2a)	Mathematics	2 + 2							6	exam	
	in 2024: Engineering Chemistry (MAKKEM283-B2a) / from 2025: Applied Basics of Geography (MFKFT6090-B2a)	Fac. of Materials and Chemical Eng. / Fac. of Earth&Envir. Sci. and Eng.	2 + 1 / 1 + 2								3	term mark
	Mathematics in Logistics II. (GEMAN620-B2a)	Mathematics		2 + 2						5	term mark	
	<b>Comprehensive Exam in Mathematics (GEMAN235-B2a)</b>	<b>Mathematics</b>		<b>0</b>							0	exam
	Fundamentals of Physics (GEFIT021-B2a)	Physics and Electronic Engineering		2 + 1							3	exam
	Electrotechnics-Electronics (GEVEE050-B2a)	Physics and Electronic Engineering				2 + 2					5	exam
Economics and Social Sciences	Mechanics (GEMET266-B2a)	Mechanics			2 + 2					5	exam	
	Occupational Health and Safety in Logistics (GEALT501-B2a)	Logistics		2 + 0						2	term mark	
	Basics of Economics (GTGKG600-GB2a)	Fac. of Economics			1 + 1					2	exam	
	Cost Analysis of Logistic Processes (GTGVA101-B2a)	Fac. of Economics				2 + 2				4	exam	
	Accounting (GTÜSZ601B-Ba)	Fac. of Economics					2 + 2			4	exam	
	Performance Management (GTVSM606B-B2a)	Fac. of Economics					2 + 0			2	exam	
	Operation of Corporate Management Systems (GTVVE623B-B2a)	Fac. of Economics						2 + 2		4	term mark	
Management and Organization (GTVVE6002B-Ba)	Fac. of Economics						2 + 2		3	exam		
Legal Regulation of Logistic Processes (AJAMU07GENB2a)	Fac. of Law							2 + 0	1	exam		
Professional Subjects	Materials Science and Testing (GEMTT201-B2a)	Materials Science and Technology	2 + 2							4	exam	
	Fundamentals of Machine Elements (GEGET101-B2a)	Machine and Product Design	2 + 2							4	exam	
	Basics of Technical Description (GEAGT107-B2a)	Mathematics	2 + 2							4	exam	
	Computer Studies (GEIAL315-B2a)	Information Science	2 + 2							4	term mark	
	Mechanical Engineering Knowledge (GEGET285-B2a)	Machine and Product Design		2 + 2						5	exam	
	Vehicle Components (GEGET073-B2a)	Machine and Product Design		2 + 2						5	exam	
	Mechanical Technologies (GEMTT202-B2a)	Materials Science and Technology		2 + 2						4	exam	
	Technical Logistics (GEALT500-B2a)	Logistics		3 + 2						6	exam	
	Basics of Manufacturing Technology (GEGTT500-B2a)	Production Engineering			2 + 2					5	exam	
	Logistic Systems (GEALT504-B2a)	Logistics			2 + 2					4	term mark	
	Material Handling Machines (GEALT502-B2a)	Logistics			2 + 2					4	exam	
	Simulation Modelling of Logistic Processes (GEALT503-B2a)	Logistics			2 + 2					5	term mark	
	Control Engineering (GEVAU193-B2a)	Automation and Communication Technology				2 + 2				5	exam	
	Fluid Transport Systems and Machines (GEAHT433-B2a)	Energy Engineering and Chemical Machinery				2 + 2				5	exam	
	Basics of Process Development (GEALT505-B2a)	Logistics				2 + 2				5	term mark	
	Engineering Calculations for Material Handling Machines (GEALT528-B2a)	Logistics				2 + 2				5	term mark	
	Transportation Systems (GEALT506-B2a)	Logistics				3 + 2				6	exam	
Quality Assurance in Logistics	Logistics					2 + 2			6	exam		
International Logistics	Logistics					2 + 2			5	exam		
Service Logistics	Logistics					2 + 0			3	term mark		
Reverse Logistics	Logistics						2 + 0		3	term mark		
Specialisation in Service Process Engineering	Integrated ERP Systems	Information Science					2 + 2			5	exam	
	Service Logistic Systems	Logistics					2 + 2			5	exam	
	Planning of Logistic Services	Logistics						2 + 2		5	exam	
	Optimization of Logistic Processes	Logistics						2 + 2		6	exam	
	Maintenance Logistics	Logistics						2 + 1		3	term mark	
	Logistic Projects	Logistics						0 + 1		2	term mark	
	Warehouse Logistics	Logistics							2 + 2	4	exam	
	International Trade	Fac. of Economics							2 + 0	2	exam	
	Degree Thesis	Logistics							0 + 8	15	term mark	
Specialisation in Production Process Engineering	Integrated ERP Systems	Information Science					2 + 2			5	exam	
	Production Logistic Systems	Logistics					2 + 2			5	exam	
	Design of Production Logistic Systems	Logistics						2 + 2		5	exam	
	Optimization of Logistic Processes	Logistics						2 + 2		6	exam	
	Mechatronics in Logistics	Logistics						2 + 1		3	term mark	
	Logistic Projects	Logistics						0 + 1		2	term mark	
	Warehousing Processes and Inventory Management	Logistics							2 + 2	4	exam	
	International Trade	Fac. of Economics							2 + 0	2	exam	
	Degree Thesis	Logistics							0 + 8	15	term mark	
	Physical Education 1. (ETTESME1A)	Fac. of Health Sci.	0 + 2							0	signature	
	Physical Education 2. (ETTESME2A)	Fac. of Health Sci.		0 + 2						0	signature	
Summer Internship*								0	0	signature		
optional 1	Optional by the specialisation							2 + 2		4	term mark	
optional 2	Optional by the specialisation							2 + 2		4	exam	
optional 3	Common knowledge optional from the institutional curriculum							2 + 0		2	exam	
optional 4	Common knowledge optional from the institutional curriculum							2 + 0		2	exam	
cr/sem.			30	30	30	30	30	30	30	210		

\*Obligatory: minimum of 6 weeks, preferably after the 6th semester  
**Comprehensive Exam in Mathematics GEMAN235-B2a:** obligatory exam in the 2nd semester. Prerequisites: completion of GEMAN213-B2a and GEMAN610-B2a and registered or fulfilled GEMAN620-B2a