

**Master's degree program in Logistics Engineering  
as of 2020/2021 academic year**

**CURRICULUM**

ECTS subject code **T EL SN<sub>2</sub>**

- **T** – type of course: **B** for BEng, **M** for MEng;
- **EL** – “Logistics Engineering”;
- **SN<sub>2</sub>** – subsequent number of the subject;

Lectures (L), tutorials (Tut), labs (Lab), Self-Study (SS);

Exam (E), continuous assessment (CA), semester project (SP), semester assignment (course work) (SA).

№	Subject	Semester load						Assessment				ECTS code	ECTS credits
		L	Tut	Lab	Aud. Total	SS	Total	E	CA	SP	SA		

**SEMESTER I**

1	Operations Research	30	15	0	45	75	120		1			MEL01	4
2	Technical Logistics	30	0	30	60	90	150	1			1	MEL02	5
3	Warehouse Logistics	30	0	30	60	60	120	1				MEL03	4
4	Information Logistics	30	0	30	60	60	120	1				MEL04	4
5	Optional subject (list - 1)	30	0	15	45	75	120		1		1	MEL05	4
6	Optional subject (list - 2)	30	0	15	45	75	120		1			MEL06	4
7	Analytical Logistics	30	0	30	60	90	150	1				MEL07	5
<b>Total</b>		<b>210</b>	<b>15</b>	<b>150</b>	<b>375</b>	<b>525</b>	<b>900</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>2</b>		<b>30</b>

**SEMESTER II**

8	Project Design and Analysis of Logistic Systems	30	0	15	45	45	90	1		1		MEL08	3
9	Legal and Insurance Ties in Logistics	30	0	15	45	45	90	1			1	MEL09	3
10	Economics of Logistics Activity	30	0	15	45	45	90		1		1	MEL10	3
11	Supply Chain Management	30	0	15	45	45	90		1	1		MEL11	3
12	Optional subject (list - 3)	30	0	15	45	45	90	1				MEL12	3
13	Diploma project					450	450	Diploma project defense			MEL13	15	
<b>Total</b>		<b>150</b>	<b>0</b>	<b>75</b>	<b>225</b>	<b>675</b>	<b>900</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>		<b>30</b>

**Notes:**

The list of optional subjects are annually updated and approved by the Faculty Council of Mechanical Engineering Faculty.

Subjects MEL05.1, MEL06.1 and MEL12.1 form Master Program – „**Technical logistics**“

Subjects MEL05.2, MEL06.2 and MEL12.2 form Master Program – „**Information logistics**“

**LIST OF THE OPTIONAL SUBJECTS**

<b>List - 1 MEL05 (ECTS credits - 4)</b>		<b>Code</b>
1	Logistics of Transport	MEL05.1
2	Simulation Modeling	MEL05.2

<b>List - 2 MEL06 (ECTS credits - 4)</b>		<b>Code</b>
1	Construction and Ecologistics	MEL06.1
2	Computer Integrated Design	MEL06.2

<b>List - 3 MEL12 (ECTS credits - 3)</b>		<b>Code</b>
1	Transportation of People	MEL12.1
2	Operations Management	MEL12.2

**LIST OF FACULTATIVE SUBJECTS**

№	Subject	Semester load						Assessment				ECTS code	ECTS credits
		L	Tut	Lab	Aud. Total	SS	Total	E	C A	SP	S A		

**SEMESTER I**

1	Design and Reliability of Material Handling and Construction Equipment	30	0	30	60	60	120		1			FaMEL01	4
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**SEMESTER II**

2	Materials Handling Robots and Manipulators	30	0	30	60	60	120		1			FaMEL02	4
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