

Courses	Neptun ID	Pre-requisite (if any)	1. Semester (KSTU)				2. Semester (UM)				3. Semester (KSTU)				4. Semester (UM)			
			Lecture	Practical course	Credit	Requirements	Lecture	Practical course	Credit	Requirements	Lecture	Practical course	Credit	Requirements	Lecture	Practical course	Credit	Requirements
1. Numerical Methods and Optimization (online)	GEMAK16-Ma		2	2	5	s e												
2. English for technical & scientific purposes	PRODLOG_S7_ANG		2	2	5													
3. Information and Identification Technologies in Logistics	PRODLOG_S8_IIT		2	2	5													
4. Resource Efficient Production Logistics	PRODLOG_S7_REPL		2	2	5													
5. Project work- practical work	PRODLOG_S7_PROJ		2	2	5													
6. Logistics Strategies and Methods	PRODLOG_S8_LSM		2	2	5													
7. Economics and cost analysis	PRODLOG_S7_ECA		2	2	5													
8. Intelligent Material Handling Machines and Systems	GEALT176-Ma						2	2	5	s m								
9. Industrial Automation	GEVAL303-Ma						2	2	5	s e								
10. Introduction into Datamining	GEIAL529-Ma						2	2	5	s e								
11. Simulation Examination of Logistics Systems	GEALT178-Ma						2	2	5	s m								
12. Mechatronics in Logistics	GEALT196-Ma						2	2	5	s e								
13. Lean fundamentals	GEALT142-Ma						2	2	5	s e								
14. Mathematical Modelling of Log. Processes	PRODLOG_S9_MMP										2	2	5					
15. Project Management and risks in Logistics	PRODLOG_S9_PM										2	2	5					
16. Energy and Resource Efficient Industry	PRODLOG_S9_EEI										2	2	5					
17. Management of Business Processes in Logistics Operations of an Enterprise	PRODLOG_S8_MPB										2	2	5					
18. Designing and Organization of Storage and Handling systems	PRODLOG_S8_DOSH										2	2	5					
19. Master thesis I.	GEALDTA-ML-a_DL-Ma										0	10	15					
20. Quality Management of Logistics Systems	GEALT179-Ma													2	2	5	s m	
21. Industry 4.0 Information Systems	GEALS50-Ma													2	2	5	s e	
22. Modeling and Simulation of Transport Systems	GEALT197-Ma													2	2	4	s m	
23. Legal Regulation of Logistics Activities, Procedures	AJAM108GEN-Ma													2	0	1	s m	
24. Master thesis II.	GEALDTB-ML-a_DL-Ma													0	10	15		
Total credits					35				30				40			30		