

TRANSPORT ECOLOGY

Title of Study Programme and Code		Type (compulsory/optional)	Cycle	Year of study when the component is delivered (if applicable)
Transport Business 6531LX074		Compulsory	1 st	2 nd year
Semester/trimester when the component is delivered		Number of ECTS credits allocated	Language of instruction	Mode of delivery (face-to-face/e-learning/...)
3 rd		3 ECTS	English	
Learning outcomes			Study methods	Assessment methods
After completion of the study subject, a student should be able:			Lectures; Interactive lectures; Practical group work; Interpretation of concepts; Individual tasks; Literature study; Consults.	Project work (Self-written work); Defense of the individual homework; Analytical evaluation of problematic situations (group work); Case study; Control work (theoretical test).
LO 1	to identify the need for resources to manage the technological process of a transport enterprise for quality and environmental point of view;			
LO 2	to know the peculiarities of technical exploitation of vehicles for quality and environmental point of view;			
LO 3	to select and apply appropriate environmental management strategies for action;			
LO 4	to distinguish the main elements of the common transport and ecology policy that enables developing all kinds of transport on;			
LO 5	to analyze the legislation on environmental protection;			
Prerequisites (these courses must be successfully completed prior to taking this particular course)				
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Course content				
<ol style="list-style-type: none"> 1. Environment and environmental concepts. Global environmental problems. 2. Status of Environment in Lithuania. Sources of Environmental Pollution. 3. Environmental policy in Lithuania and EU. 4. Technologies of Environmental protection. 5. Mobile (transport) emissions and their impact on the ecological state of the environment. 6. Human ecology. Work environment. 7. Sustainable development and Environmental management systems. 8. Energy and renewable energy. 				
Recommended or required reading and other learning resources/tools				

1. Marquita K. Hill (2011). Understanding Environmental Pollution.
2. Klavinš M. (2010). Environment ant sustainable development.
3. Uitto J. I. (2017). Evaluating Climate Change Action for Sustainable Development:
<https://link.springer.com/book/10.1007%2F978-3-319-43702-6>