		STUDY MODULE D	ESCRIPTION FORM	
Name of the module/subject Environment and Ecology			Code 1010611171010623054	
Field o	f study		Profile of study	Year /Semester
Mechanical Engineering			(general academic, practical) (brak)	4/7
Elective path/specialty			Subject offered in:	Course (compulsory, elective
		eavy Machinery	Polish	obligatory
Cycle of study:			Form of study (full-time,part-time)	
First-cycle studies			full-time	
No. of	hours			No. of credits
Lectu	ıre: 1 Classe	s: 1 Laboratory: 1	Project/seminars:	- 4
Status	of the course in the study	program (Basic, major, other)	(university-wide, from another f	
		(brak)		(brak)
Educa	tion areas and fields of sc	ience and art		ECTS distribution (number and %)
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#### SKIIIS:

- 1. 1. He can a classified categories of vehicles. [K2A\_U02]
- 2. 2. He can analyze the major factors shaping the environmental performance of the transport. [K2A\_U09]
- 3. 3. Know how to interpret the provisions of toxic gases [K2A\_U16]
- 4. 4. He can make a preliminary assessment of the environmental performance of vehicle. [K2A\_U16]

# Social competencies:

- 1. 1. Recognizes the importance of protecting the environment. [K2A\_K01]
- 2. 2. He can point to important social factors affecting environmental awareness. [K2A\_K02]

# Assessment methods of study outcomes

-Test of knowledge of the toxicity of exhaust gas regulations, standards, and general environmental awareness in transport. Two tests during the semester.

# **Course description**

-Lecture ? environmental conditions for transport, natural resources, social and economic factors, classification of vehicles, standards toxic gases.

### **Basic bibliography:**

# Additional bibliography:

# Result of average student's workload

Activity	Time (working hours)
1. Prepare to the class	5
2. Activity	15
3. Knowledge	10
4. Consultation	8
5. Prepare to the test	5
6. Test activity	2

### Student's workload

Source of workload	hours	ECTS
Total workload	45	4
Contact hours	30	2
Practical activities	15	0