

Prowadzący	Taras Bondarenko
ERASMUS+ (semestr zima) 2025/2026	NIE
Oferta PJOE (semestr lato) 2025/2026	TAK
Kierunek, rok, stopień dla PJOE (*obowiązkowe)	Logistyka lub Zarządzanie /I stopień/II rok

* PJOE – przedmiot w języku obcym dla studentów polskich oraz dla studentów Erasmus+

** zostawić właściwe

BASIC INFORMATION ABOUT THE SUBJECT (INDEPENDENT OF THE CYCLE)

Module name	Ecological economy
Language of instruction	Russian
Prerequisites	knowledge of russian language
ECTS points hour equivalents (30h = 6 ECTS; 15h = 3 ECTS)	Contact hours (work with an academic teacher): 15 Total number of hours with an academic teacher: 20 Number of ECTS points with an academic teacher: 1 Non-contact hours (students' own work): 20 Total number of non-contact hours: 20 Number of ECTS points for non-contact hours: 1 Total number of ECTS points for the module: 3
Educational outcomes verification methods	Final written test
Description	The aim of the course is to present the essence of ecological economy. The lecture includes the following elements: sustainable development, sustainable consumption, energy-saving technologies, renewable energy sources, electrical vehicles, recycling, smart city: green city development strategy
Reading list	Niedziółka D. (red.), Zielona energia w Polsce, Cedewu, Warszawa 2012. Krawiec F., Odnawialne źródła energii w świetle globalnego kryzysu energetycznego Berger R., Zielony wzrost, zielony zysk. Jak zielona rewolucja stymuluje gospodarkę, Wolters Kluwer, 2011. Lewandowski W., Biopaliwa. Proekologiczne odnawialne źródła energii, WNT, Warszawa 2013.
Educational outcomes	KNOWLEDGE 1. K_W01, K_W02, K_W03, K_W04, K_W06 SKILLS 2. K_U01, K_U08, K_U10 3. ATTITUDES
Practice	n/a

INFORMATION ABOUT CLASSES IN THE CYCLE

Educational outcomes verification methods	Final written test
Comments	
Reading list	Niedziółka D. (red.), Zielona energia w Polsce, Cedewu, Warszawa 2012. Krawiec F., Odnawialne źródła energii w świetle globalnego kryzysu energetycznego Berger R., Zielony wzrost, zielony zysk. Jak zielona rewolucja stymuluje gospodarkę, Wolters Kluwer, 2011. 1. Lewandowski W., Biopaliwa. Proekologiczne odnawialne źródła energii, WNT, Warszawa 2013.
Educational outcomes	KNOWLEDGE 1. K_W01, K_W02, K_W03, K_W04, K_W06 SKILLS 2. K_U01, K_U08, K_U10

	ATTITUDES 3. K_K01
A list of topics	The lecture includes the following elements: sustainable development, sustainable consumption, energy-saving technologies, renewable energy sources, electrical vehicles, recycling, smart city: green city development strategy
Teaching methods	lecture with multimedia presentation.
Assessment methods	Final written test