

**Subject card**

<b>Subject name and code</b>	Nature conservation, PG_00033334						
<b>Field of study</b>	Environmental Protection						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2025/2026		
<b>Education level</b>	undergraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	4	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Pracownia Geobotaniki i Ochrony Przyrody -> Katedra Taksonomii Roślin i Ochrony Przyrody -> Faculty of Biology						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Piotr Rutkowski				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		2.0		8.0	25
<b>Subject objectives</b>	<ul style="list-style-type: none"> <li>Understand the causes and directions of changes in nature and know how to protect its components .</li> <li>Learning the basics of nature protection law</li> <li>To know the forms and methods of nature protection.</li> <li>Understanding the problems of nature and environmental protection</li> </ul>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[OŚL3_U04] Uses specialist language in the discussion and properly uses the nomenclature in the field of environmental protection and individual disciplines related to it.	Graduate: Evaluates the state of preservation of natural and human-altered natural systems. Determines the impact of anthropopressure on specific natural processes.	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[OŚL3_W05] Explains the course of natural and anthropopressional physical, chemical and biological processes and phenomena occurring in nature at various levels of matter organisation.	Graduate: Knows the most important threats to nature. Knows the basic methods and techniques used in nature conservation. Knows the basic legal regulations and instruments of law application in nature conservation.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW3] text preparation/written work [SW5] implementation of a problem task
	[OŚL3_U09] Prepares in Polish/English a short description of research, observation or problem task carried out during classes using appropriate scientific terminology.	Graduate: Evaluates the state of preservation of natural and human-altered natural systems. Determines the impact of anthropopressure on specific natural processes.	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[OŚL3_W10] Describes the principles of environmental protection based on basic legal regulations and instruments of applying law in environmental protection and from the point of view of economy and management of environmental resources; enumerates general aspects of the economic activity of entities.	Graduate: Knows the most important threats to nature. Knows the basic methods and techniques used in nature conservation. Knows the basic legal regulations and instruments of law application in nature conservation.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW3] text preparation/written work [SW5] implementation of a problem task
	[OŚL3_U01] Performs tasks under supervision and independently in the field of analysis of the natural environment and the functioning of natural and man-made natural systems.	Graduate: Evaluates the state of preservation of natural and human-altered natural systems. Determines the impact of anthropopressure on specific natural processes.	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work [SU4] test/exam - oral or written [SU5] implementation of a problem task
[OŚL3_K06] Knows and appreciates the practical application of the acquired knowledge and skills in solving problems.	Graduates update conservation skills.	[SK1] oral statement/conversation/discussion [SK3] text preparation/written work [SK4] test/exam - oral or written [SK5] implementation of a problem task	
Subject contents	History of human impacts on nature. Basic legal acts and international conventions on nature protection. Organization of nature protection in Poland and the world. Forms of nature protection. Species and area protection. Protection of genetic, species and biocenotic diversity. Red lists and red books. Natural habitats as a form of nature conservation. Natura 2000 network. nature conservation strategy. Law of nature conservation.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	final exsam	51.0%	100.0%
Recommended reading	Basic literature	Dobrzanska B., Dobrzanski G., Kielczewski D. 2008. Ochrona srodowiska przyrodniczego. PWN.  Symonides E. 2007. Ochrona Przyrody. Wyd. UW.	
	Supplementary literature	Chelmicki W. 2002. Woda zasoby, degradacja, ochrona. PWN. Craig J.R., Vaughan D. J., Skinner B. J. 2003. Zasoby Ziemi. PWN. Fudali E. 2009. Antropogeniczne zmiany w ekosystemach. UWP, Wrocław. Jakubas D., Rys M., Lazarus M. 2017. Factors affecting wildlife-vehicle collision on the expressway in a suburban area in northern Poland. North-Western Journal of Zoology (2017): e171702. Mannion A. M. 2001. Zmiany srodowiska Ziemi. PWN. Pullin A.S. 2012. Biologiczne podstawy ochrony przyrody. PWN, Warszawa.	
	eResources addresses	Adresy na platformie eNauczanie:	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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