

Subject card

Subject name and code	Nature conservation, PG_00033334						
Field of study	Environmental Protection						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		1.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Laboratory of Geobotanics and Nature Conservation -> Department of Plant Taxonomy and Nature Conservation -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Piotr Rutkowski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		2.0		8.0	25
Subject objectives	- Understand the causes and directions of changes in nature and know how to protect its components . - Learning the basics of nature protection law - To know the forms and methods of nature protection. - Understanding the problems of nature and environmental protection						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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
	[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_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_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_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_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
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 exsamt	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		

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

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