University of Gdańsk

Subject card

Subject name and code	Nature conservation, PG_00033334						
Field of study	Environmental Protection						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
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_W10] Describes the principles of environmental protection based on 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_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 exsam	51.0%	100.0%

Recommended reading

Basic literature	Dobrzanska B., Dobrzanski G., Kiełczewski D. 2008. Ochrona srodowiska przyrodniczego. PWN. Symonides E. 2007. Ochrona Przyrody. Wyd. UW.
Supplementary literature	Chełmicki 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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