University of Gdańsk

Subject card

Subject name and code	Nature Conservation - lecture, PG_00201416		
Field of study	Water Management and Protection of Water Resources		
Date of commencement of studies	October 2026	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 practical vocational preparation
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	1.0
Learning profile	practical	Assessment form	credit
Conducting unit	Laboratory of Biodiversity and Benthic Functioning -> Department of Marine Ecology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Urszula Janas	
	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	1.0	9.0	25

Subject objectives

Familiarize students with nature conservation issues: the value of maintaining balance in aquatic ecosystems, threats and ways to nature protection

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GWOZWL3-W03] The student has an advanced knowledge and understanding of the organisation and legal framework of environmental protection, nature conservation and water management, as well as the principles governing the organisation and operation of hydrological and meteorological services and the fundamentals of Integrated Environmental Monitoring.	He or she knows and understands the organization and legislative basis of nature conservation	[SW4] test/exam - oral or written
[GWOZWL3-W05] The student has advanced knowledge and understanding of assumptions of the ecosystem approach to management of the environment and human activities in the environment as well as the development directions in the field of applied solutions and scientific research for the protection and restoration of water resources in selected divisions of the national economy.	He or she knows and understands the assumptions of the ecosystem approach, as well as the directions of development in applied solutions and scientific research for nature conservation	[SW4] test/exam - oral or written

<table>
<tr><td>Subject contents</td><td>Values of preserving and/or restoring balance in aquatic ecosystems: lakes, rivers, wetlands and the Baltic Sea; discussion of selected aquatic areas of greatest biological value;Rare species, endangered species, keystone species, protected species;Threats to biodiversity of aquatic ecosystems, among others: habitat transformation, destruction and fragmentation, alien species, eutrophication, global change;Forms of nature protection: conservation and active protection, systems of protected areas, national regulations, international agreements on nature protection of aquatic ecosystems</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Written credit with open questions</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>Gaston K.J., Spicer J. I., 2008. Biodiversity: An Introduction. 6th Edition. Blackwell Publishing</td></tr>
<tr><td>Supplementary literature</td><td>www.natura2000, gdos, gov.pl</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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