



JAGIELLONIAN
UNIVERSITY
IN KRAKÓW

Seminar

Educational subject description sheet

Basic information

Field of study Environmental Protection and Management	Education cycle 2020/21	
Speciality -	Subject code UJ.WBIEPMS.240.5cac67bb0745b.20	
Department Faculty of Biology	Lecture languages English	
Study level second cycle	Disciplines Biological sciences	
Study form full-time degree programme	ISCED classification 0511 Biology	
Education profile General academic	USOS code	
Mandatory obligatory		
Subject coordinator	Janusz Fyda	
Lecturer	Janusz Fyda	
Period Semester 3	Examination assessment	Number of ECTS points 2.0
	Activities and hours seminar: 30	

Goals

C1	The aim is to familiarize students with the current problems of environmental and nature protection as well as the management of shared resources
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Subject's learning outcomes

Code	Outcomes in terms of	Effects	Examination methods
Knowledge - Student knows and understands:			
W1	current problems of environmental protection	EPM_K2_W01, EPM_K2_W04	credit
W2	methodology of applied environmental sciences	EPM_K2_W02, EPM_K2_W06	credit
W3	current trends and directions of research applied in environmental sciences	EPM_K2_W04, EPM_K2_W09	credit
W4	intellectual property and copyright protection rules	EPM_K2_W10	presentation, credit
Skills - Student can:			
U1	search and use the necessary information from various sources	EPM_K2_U06, EPM_K2_U08	presentation, credit
U2	prepare a scientific presentation using various means of verbal and multimedia communication	EPM_K2_U04, EPM_K2_U08, EPM_K2_U09	presentation, credit
U3	communicate in English and present issues related to the topic of the study	EPM_K2_U08, EPM_K2_U09	presentation, credit
U4	plan his own professional or scientific career	EPM_K2_U11	presentation, credit
Social competences - Student is ready to:			
K1	lifelong learning, inspiring and organizing the learning process of others	EPM_K2_K05	presentation, credit
K2	discussing topics related to environmental sciences as well as self-criticising and drawing conclusions based on self-analysis and experience	EPM_K2_K01, EPM_K2_K02, EPM_K2_K04	credit
K3	identifying and resolving dilemmas related to ecology, environmental protection and nature conservation in accordance with applicable law and ethics	EPM_K2_K01, EPM_K2_K07	presentation, credit

Calculation of ECTS points

Activity form	Activity hours*	
seminar	30	
preparation of a multimedia presentation	15	
preparation for classes	15	
Student workload	Hours 60	ECTS 2.0
Workload involving teacher	Hours 30	ECTS 1.0

* hour means 45 minutes

Study content

No.	Course content	Subject's learning outcomes
1.	Current problems of environmental protection, ecology and nature conservation, management of nature resources and new trends in the field of environmental sciences	W1, W2, W3, W4, U1, U2, U3, U4, K1, K2, K3

Course advanced

Teaching methods:

seminar, discussion

Activities	Examination methods	Credit conditions
seminar	presentation, credit	Attendance on seminars, evaluation of active performance during seminars, evaluation of active involvement in discussions, evaluation of multimedia presentation

Literature

Obligatory

1. Najnowsze prace naukowe dotyczące omawianych zagadnień wskazane przez prowadzącego lub wyszukane samodzielnie.

Effects

Code	Content
EPM_K2_W01	The graduate knows and understands complexity of natural phenomena and processes and their impact on nature and environment
EPM_K2_W04	The graduate knows and understands contemporary problems of natural environment and is able to point out new threats
EPM_K2_W02	The graduate knows and understands methodology of environmental sciences, especially including valorization and evaluation of environmental risks
EPM_K2_W06	The graduate knows and understands the rules of planning research and verifying research hypotheses, as well as research techniques and tools used in the analysis and evaluation of the quality of natural environment
EPM_K2_W09	The graduate knows and understands new trends and change directions in environment protection and in management of natural resources
EPM_K2_W10	The graduate knows and understands the rules protection of intellectual property and copyrights
EPM_K2_U06	The graduate is able to search for, select an use necessary information found in various English language sources
EPM_K2_U08	The graduate is able to use specialist terminology related to environment protection and natural resources management
EPM_K2_U04	The graduate is able to prepare public presentations related to environment and nature protection using various techniques of verbal and multimedia communication
EPM_K2_U09	The graduate is able to communicate fluently in a foreign language, enter a debate and present issues related to his/her line of study in the field of environment sciences in accordance with the requirements set for the B+ language fluency level.
EPM_K2_U11	The graduate is able to continuously acquire knowledge and raise his/her qualifications, inspire and help others, set and achieve career objectives
EPM_K2_K05	The graduate is able to plan his/her further career, shape the course of activities pursued by others and use entrepreneurial skills while achieving set goals
EPM_K2_K01	The graduate is able to critically appraise acquired information, use reliable and well-established sources of scientific information and draw appropriate conclusions when settling practical problems
EPM_K2_K02	The graduate is able to lead discussion and present scientific arguments related to environment protection and nature
EPM_K2_K04	The graduate is able to think and act independently to protect natural environment and to manage common resources in a sustainable way
EPM_K2_K07	The graduate is able to identify and settle dilemmas related to his work following the rules of ethics and legal requirements