

COURSE OFFERED

Name of the course	Polish	Bioróżnorodność - teoria i praktyka
	English	Biodiversity - Theory and Practice

1. LOCATION OF THE COURSE OF STUDY WITHIN THE EDUCATION SYSTEM

1.1. Section ¹	Exact and Natural Sciences
1.2. Discipline ²	Biological Sciences
1.3. Type of education	Stationary
1.4. Level of education	Doctoral School
1.5. Person preparing the course description	Dr hab. Małgorzata Jankowska-Błaszczuk, prof. UJK
1.6. Contact	mjanko@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Type of course ³	Specialized subjects in the discipline
2.2. Language of the course	English

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Type of classes⁴		Lecture, Excercises
3.2. The number of hours⁵		15 h (Lecture); 15h (Classes)
3.3. Location of classes		Biology Institute UJK, Kielce
3.4. Type of assessment		Exam (Lecture), Pass with the grade(Classes)
3.5. Didactic methods		working with text, presentation, discussion
3.6. Literature	basic	Conservation Biology, Andrew S. Pullin, Cambridge University
	supplementary	Ecology, The Experimental Analysis of Distribution and Abundance, sixth edition Charles J.Krebs

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES

4.1. Course objectives (including the form of classes) • Biodiversity in global and local scale /lecture and excercises / • Ecological and evolutionary factors influencing the distribution of biodiversity /lecture and excercises / • Analysis of factors destroying biodiversity and their counteraction /lecture and excercises
4.2. Syllabus content • a short history of biodiversity research • distribution of species richness in global scale

¹ Section of Humanities:, Social Sciences, Section of Exact and Natural Sciences, Section of Medical and Health Sciences, Section of Arts.

² History,Linguistics, Literary Studies, Medical Sciences, Health Sciences, Political and Administrative Sciences, Legal Sciences, Security Sciences, Pedagogy, Communication and Media Studies, Management and Quality Studies, Biological Sciences, Chemical Sciences, Physical Sciences, Earth and related Environmental Sciences, Visual Arts and Artwork Conservation, Musical Arts.

³ General courses, domain specific subjects in the section, disciplinary subjects in the sections, specialized subjects in the discipline.

⁴ Classes, lecture, seminar.

⁵ Consistent with the education program at the Doctoral School
Jan Kochanowski University in Kielce.

- Biodiversity indicators
- Hot-spot diversity points
- Factors that cause gradient of biodiversity
- Diversity of world ecosystems
- Human impact on biodiversity level
- Active and passive protection of biodiversity in Poland
- Ecological education in practice

5. SUBJECT LEARNING OUTCOMES

Learning outcomes	A doctoral student who has passed the subject:	Reference to the learning outcomes of Doctoral School (according to the training program at the Doctoral School)
in the area of KNOWLEDGE:		
W01	The doctoral student has advanced knowledge of current development trends in disciplines related to biodiversity, including ecology, evolutionary biology, and environmental protection.	SD_W02
W02	The doctoral student is able to identify and formulate significant, current, and unresolved research problems in the field of biodiversity science, particularly in relation to biodiversity loss, its drivers, and conservation strategies, and can articulate these issues effectively, including in a foreign language.	SD_W07
in the area of SKILLS:		
U01	The doctoral student is able to define the objectives and scope of research projects and to formulate testable research hypotheses within the field of biodiversity science.	SD_U01
U02	The doctoral student demonstrates the ability to integrate knowledge from multiple disciplines, including ecology, evolutionary biology, and environmental sciences, to identify, formulate, and creatively solve complex problems related to biodiversity patterns, drivers, and conservation.	SD_U03
U03	The doctoral student is proficient in the use of a foreign language for conducting, presenting, and publishing research in the field of biodiversity.	SD_U07
in the area of SOCIAL COMPETENCE:		
K01	The doctoral student demonstrates entrepreneurial thinking and actively takes initiative.	SD_K04

6. METHODS OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

SUBJECT LEARNING OUTCOMES	METHOD OF ASSESSMENT (+/-)																				
	Oral/written exam			Written test			Project			activity in class			Own work (multimedia presentation)			Group work			Others		
	The type of classes			The type of classes			The type of classes			The type of classes			The type of classes			The type of classes			The type of classes		
	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	C	S	L	E	S
W01	+				+			+		+	+			+							
W02	+				+			+		+	+			+			+				
U01	+										+			+			+				
U02	+										+			+			+				
U03	+										+			+			+				
K01	+																				

7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterion of assessment
Lecture (L) ⁶	3,0	exam passed and activity in class with a score between 51-65% of the total points available
	3,5	exam passed and activity in class with a score between 66-75% of the total points available
	4,0	exam passed and activity in class with a score between 76-85% of the total points available
	4,5	exam passed and activity in class with a score between 86-95% of the total points available
	5,0	exam passed and activity in class with a score between 96-100% of the total points available
Classes (C)	3,0	Written test, project, activity in class, multimedia presentation and group work at a satisfactory level
	3,5	Written test, project, activity in class, multimedia presentation and group work at a moderate level
	4,0	Written test, project, activity in class, multimedia presentation and group work at a good level
	4,5	Written test, project, activity in class, multimedia presentation and group work at a good plus level
	5,0	Written test, project, activity in class, multimedia presentation and group work at a very good level

Accepted for execution

⁶ Niepotrzebne usunąć.

