

**COURSE OFFERED**

<b>Name of the course</b>	Polish	<b>Bioróżnorodność - teoria i praktyka</b>
	English	<b>Biodiversity - Theory and Practice</b>

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

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

**2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY**

<b>2.1. Type of course</b> <sup>3</sup>	specialized subjects in the discipline
<b>2.2. Language of the course</b>	English

**3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY**

<b>3.1. Type of classes<sup>4</sup></b>		Lecture, excersises
<b>3.2. The number of hours<sup>5</sup></b>		15 h lecture; 15h excersises
<b>3.3. Location of classes</b>		Biology Institute UJK, Kielce
<b>3.4. Type of assessment</b>		Exam (lecture), Pass with the grade (exercises)
<b>3.5. Didactic methods</b>		working with text, presentation, discussion
<b>3.6. Literature</b>	<b>basic</b>	Conservation Biology, Andrew S. Pullin, Cambridge University
	<b>supplementary</b>	Ecology, The Experimental Analysis of Distribution and Abundance, sixth edition Charles J.Krebs

**4. OBJECTIVES, SYLLABUS CONTENT AND INTENDEND LEARNING OUTCOMES**

<p>4.1. Course objectives (including the form of classes)</p> <ul style="list-style-type: none"> <li>• Biodiversity in global and local scale /lecture and excersises /</li> <li>• Ecological and evolutionary factors influencing the distribution of biodiversity /lecture and excersises /</li> <li>• Analysis of factors destroying biodiversity and their counteraction /lecture and excersises</li> </ul>
<p>4.2. Syllabus content</p> <ul style="list-style-type: none"> <li>• a short history of biodiversity research</li> <li>• distribution of species richness in global scale</li> </ul>

<sup>1</sup> Section of Humanities:, Social Sciences, Section of Exact and Natural Sciences, Section of Medical and Health Sciences, Section of Arts.

<sup>2</sup> 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.

<sup>3</sup> General courses, domain specific subjects in the section, disciplinary subjects in the sections, specialized subjects in the discipline.

<sup>4</sup> Classes, lecture, seminar.

<sup>5</sup> 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)
<b>in the area of KNOWLEDGE:</b>		
W01	The doctoral student possesses in-depth knowledge of the latest scientific or artistic achievements, encompassing theoretical foundations, general issues, and selected specific topics relevant to the scientific or artistic discipline in which the doctoral dissertation is being prepared	SD_W01
W02	The doctoral student has advanced knowledge of development trends in disciplines related to the research or project theme being pursued	SD_W02
W03	The doctoral student is able to formulate significant, current, and unresolved issues in the field of science or art in which they are studying, particularly in the discipline where the doctoral dissertation is being prepared, including in a foreign language.	SD_W07
<b>in the area of SKILLS:</b>		
U01	The doctoral student can define the goal and subject of research project activities, as well as formulate research hypotheses in the discipline where the doctoral dissertation is being prepared	SD_U01
U02	The doctoral student is capable of utilizing knowledge from various disciplines to identify, formulate, and creatively solve complex problems or undertake research project tasks	SD_U03
U03	The doctoral student can effectively use a foreign language in research, artistic, or project activities	SD_U07
<b>in the area of SOCIAL COMPETENCE:</b>		
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			Kolokwium			Project			activity in class			Own work			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	E	S	L	E	S	L	E	S	L	E	S	L	E	S	L	E	S	L	E	S
W01	+				+			+		+	+			+							
W02	+				+			+		+	+			+			+				
W03	+				+			+		+	+			+			+				
U01	+										+			+			+				
U02	+										+			+			+				
U03	+										+			+			+				
K01																					

## 7. CRITERIA OF ASSESSMENT OF THE INTENDED LEARNING OUTCOMES

Form of classes	Grade	Criterion of assessment
Lecture (L) <sup>6</sup>	3,0	exam passed with a score between 51-65% of the total points available
	3,5	exam passed with a score between 66-75% of the total points available
	4,0	exam passed with a score between 76-85% of the total points available
	4,5	exam passed with a score between 86-95% of the total points available
	5,0	exam passed with a score between 96-100% of the total points available
Exercises (E)	3,0	multimedia presentation at a satisfactory level
	3,5	multimedia presentation on a moderate level
	4,0	multimedia presentation at a good level
	4,5	multimedia presentation at a good plus level
	5,0	multimedia presentation at a very good level

Accepted for execution

Małgorzata Jankowska-Błaszczuk

<sup>6</sup> Niepotrzebne usunąć.