

## SYLLABUS FOR 2023/2024 ENROLLMENT

### GENERAL INFORMATION

**1. Name of the course**

Ecology and environmental protection

**2. Name of the faculty**

Department of Tourism and Recreation

**3. Level of education**

First-cycle studies

**4. Number of ECTS credits**

3

**5. Number of hours per semester**

semester	lecture	classes	lab./flc	prj./pc	self-study	internship
I	15	15				

**6. Language of instruction: English**
**7. Lecturer**

Janusz Leszek Sokół – prof.  
Michał Bergier – ph.D

### DETAILED INFORMATION

**8. Access requirements**

1. General knowledge of the phenomena and laws of nature

**9. Objectives of the course**

C1 Getting to know the basics of organization and functioning the natural environment

C2 Knowledge of the principles of protection of the natural environment

C3 Implementation of the idea of sustainable development with particular emphasis on physical culture sciences and health sciences

**10. Field-specific learning outcomes in terms of knowledge, skills and social competences**

A student who successfully passed the course:

reference to  
field-specific  
learning  
outcomes

#### KNOWLEDGE

EU01	He/she knows and understands to an advanced level various phenomena of social sciences, humanities, exact sciences, natural sciences and physical culture and the practical application of this knowledge in professional activity related to the major	K_W01
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EU02	The student knows and understands conceptual categories and terminology in social sciences, humanities, sciences, natural sciences and physical culture as well as the practical application of this knowledge in professional activity related to the major	K_W02
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#### SKILLS

EU03	Can use a foreign language in accordance with the requirements of the European System for the Description of Language Education defined for the B2 level	K_U08
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EU04	Can argue in a substantive way using the views of other authors and formulate conclusions	K_U13
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#### SOCIAL COMPETENCES

EU05	Is ready to act ethically within the framework of assigned organisational and social roles	K_K09
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EU06	Is ready to take responsibility for the preservation and protection of cultural and natural heritage	K_K11
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<b>11. Programme content</b>	
<b>Form of the activity – Lecture</b>	
1) Introduction to ecology, historical outline, areas of interest 2) Levels of nature organization, basic ecological units 3) The flow of energy and the circulation of matter in the ecosystem 4) Main threats and pollution of the environment 5) Alternative energy sources 6) Nature protection and its forms 7) Environmental protection and tourism	
<b>Form of the activity – Classes</b>	
1) Basic concepts related to ecology and environmental protection 2) Population ecology 3) Barriers to the development of civilization: Air, water and soil pollution, ionizing radiation, the greenhouse effect, depletion of resources, threat to plant cover and fauna 4) Environment and health 5) Civilization diseases 6) Climate crisis 7) Field classes at the waste management plant	
<b>12. Didactic tools/methods</b>	
1. Discussion	
2. Multimedia presentations	
3. Didactics films	
4. Problem solving	
<b>13. Methods of assessment</b>	
1. Presence and active participation in classes	
2. Group work, preparation and presentation of selected subjects	
3. Test	
4. Graded assignment	
<b>14. Student workload</b>	
Form of activity	number of hours
1. Classes with direct participation of the teacher and consultations	40
2. Student workload	35
sum	75
Total number of ECTS credits	3
<b>15. Literature</b>	
Basic literature:	
1. Lonc E., Kantowicz E. 2005, Ekologia i ochrona środowiska. Wyd. Państw. Wyższej Szkoły Zawodowej im. Silesiusa w Wałbrzychu, Wałbrzych	
2. Wnuk Z. (red) 2010, Ekologia i ochrona środowiska. Wybrane zagadnienia. Wyd. Uniwersytetu Rzeszowskiego, Rzeszów.	
3. Richling A., Solon J. 2011, Ekologia krajobrazu. Wyd. Nauk. PWN, Warszawa	
Supplementary literature:	
1. Ochrona środowiska przyrodniczego, Dobrzańska B. M., Dobrzański G., Kiełczewski D., Dobrzański G. (red. nauk.). Warszawa : Wydawnictwo Naukowe PWN, 2008.	
2. Kantowicz E. (red. Nauk.), Roge-Wiśniewska M., Cywilizacja a środowisko - wyzwania i dylematy, Uniwersytet Warszawski. Wydział Geografii i Studiów Regionalnych. Warszawa: Wydział Geografii i Studiów Regionalnych Uniwersytetu Warszawskiego, 2012	
3. Symonides E. 2008. Ochrona przyrody, Wydawnictwa Uniwersytetu Warszawskiego.	
4. Ustawa z dnia 27 kwietnia 2001 r. (z późn. zm.) <i>Prawo ochrony środowiska</i>	
5. Ustawa z dnia 16 kwietnia 2004 r. (z późn. zm.) <i>O ochronie przyrody.</i>	

6. Boć J., Nowacki K., Samborska-Boć E., Ochrona Środowiska, Wyd. 8, stan prawny na dzień 20 listopada 2007, Kolonia Limited, Wrocław 2008

#### **16. Forms of assessment - details**

##### **Conditions for obtaining course credit:**

Lectures and classes end with a credit with a grade.

Written credit of the lectures:

- Duration 60 minutes,
  - Test of 20 questions (closed questions),
  - The condition for obtaining a positive assessment is obtaining more than 50% of knowledge (11 points).
  - Scoring - each question is assessed on a scale of 0 to 1 points. You can get a maximum of 20 point
- 0 - 10 points - insufficient (2.0)  
11-12 satisfactory (3.0)  
13 - 14 sufficient plus (3.5)  
15 - 16 good (4.0)  
17 - 18 good plus (4.5)  
19 - 20 very good (5.0)

The condition for passing the classes are:

- attendance and active participation in the classes, obtaining a positive grade from the test (written or oral form)
- 5 open / descriptive questions.

For each question the student receives 0 to 2 points.

The condition for obtaining a positive grade is to obtain 60% of points.

Students also prepare a presentation on a topic chosen by the tutor and participate in field activities.

The final grade for the exercises is the arithmetic mean of all obtained grades and the observation of the student's involvement and work throughout the semester.

#### **17. Other useful details concerning the course**

1. Direct information about the issues of classes and a program content is provided by the teacher during classes and during office hours
2. Classes will be held at John Paul II University in Białą Podlaska or online
3. Classes will be held in accordance with the current schedule
4. Office hours will be held in accordance with the applicable schedule