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**PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
NAMED AFTER PATRICE LUMUMBA**

**Institute of Environmental Engineering**

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educational division (faculty/institute/academy) as higher education programme developer

**COURSE SYLLABUS**

**Environmental Ethics**

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course title

**Recommended by the Didactic Council for the Education Field of:**

**44.04.02 Psychological and Pedagogical Education**

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field of studies / speciality code and title

**The course instruction is implemented within the professional education programme of higher education:**

**Environmental Pedagogy**

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higher education programme profile/specialisation title

**Moscow, 2023**

## 1. Course Aims and Objectives

**The aim of the course:** is the formation of professional competences on the basis of understanding environmental laws and personal responsibility in relations with nature, the formation of environmental consciousness and worldview, the application of moral and ethical categories to the problems of the environment and society.

### Objectives:

- formation of the idea of environmental ethics as an inseparable and - in modern conditions - a vital component of universal ethics;
- illustrating the complexity and inconsistency of modern ecological and ethical views, the need for a clear and distinct position in relation to reasonable exploitation of biological resources of the biosphere;
- the formation of a firm conviction in the inadmissibility of a unilateral decision of technological problems of nature management and the growing role of environmental ethics in regulating the interaction between society and nature;
- formation of the concept of certain ethical criteria that determine real modern principles of nature protection and reasonable nature management;
- orientation towards an integrated approach to the totality of the studied disciplines.

## 2. Course in the Higher Education Programme Structure

The course «**Environmental Ethics**» refers to the compulsory disciplines module.

Table 1. Previous and subsequent courses aimed at building up competences

Nr.	Competence code and title	Previous courses	Subsequent courses
General competences			
1	GC-1 Able to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy. GC-5 Able to analyze and take into account the diversity of cultures in the process of intercultural interaction. GC-6 Able to identify and implement the priorities of their own activities and ways to improve it based on self-esteem.	Environmental Culture: Genesis and Modern Issues Humanitarian Ecology Environmental Philosophy Sustainable Development in the Context of Environmental Culture Social Ecology	-
General professional competences			
2	GPC-1 Able to carry out and optimize professional activities in accordance with regulatory legal acts in the field of education and professional ethics.	Environmental Culture: Genesis and Modern Issues Humanitarian Ecology	-

	GPC-4 Able to create and implement the conditions and principles of spiritual and moral education of students on the basis of basic national values.	Environmental Philosophy Sustainable Development in the Context of Environmental Culture Social Ecology	
Specialized professional competences			
3	SPC-2 Able to carry out research support and educational and methodological support for the implementation of basic and additional, including professional programs.	Environmental Culture: Genesis and Modern Issues Humanitarian Ecology Environmental Phylosopy Sustainable Development in the Context of Environmental Culture Social Ecology	-

### 3. Requirements to Learning Outcomes

The course is aimed at building up and enhancing the following competences:

**General competence – 1.** Able to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy.

**General competence – 5.** Able to analyze and take into account the diversity of cultures in the process of intercultural interaction.

**General competence – 6.** Able to identify and implement the priorities of their own activities and ways to improve it based on self-esteem.

**General professional competence – 1.** Able to carry out and optimize professional activities in accordance with regulatory legal acts in the field of education and professional ethics.

**General professional competence – 4.** Able to create and implement the conditions and principles of spiritual and moral education of students on the basis of basic national values.

**Specialized professional competence – 2.** Able to carry out research support and educational and methodological support for the implementation of basic and additional, including professional programs

On completion of the Course the student:

**Knows:** development trends and methodological guidelines of modern environmental ethics, principles and rules of environmental ethics, important restrictions; ethical nature in the

exploitation of natural resources, international and Russian ethical and environmental regulations;

**Can:** navigate within complex and controversial modern environmental ethical views, apply the principles of environmental ethics in the preparation of documentation for environmental review of various types of project analysis, in certain branches of biological nature management, in professional, social and daily activities.

**Masters skills of:**

- ethical analysis of environmental situations and regulatory environmental documents; methods for resolving dilemma situations, the basis of the principles of environmental ethics.

#### 4. Course Workload and Academic Activities

The course workload of «**Research Methods of Environmental Pedagogy and Psychology**» is 3 credits.

Table 4.1. Course workload and academic activities

Types of academic activities	Total hours	Semesters			
		1	2	3	4
<b>Contact academic hours</b>					
<b>Including:</b>					
<i>Lectures</i>					
<i>Seminars (workshops/tutorials)</i>	10				10
<i>Lab works</i>	-				
<i>Self-study</i>	80				80
Evaluation and assessment (exam; pass/fail grading)	18 pass / fail grading				18
Total course workload	hours	108			108
	credits	3			3

#### 5. Course contents

Table 5.1 Course modules and contents

course modules	topics
1. Concepts and elements of environmental ethics.	The moral aspect of the relationship between man, society and nature. Nature as a value. Non-violence as a form of attitude towards nature and as a moral principle. The problem of non-violent interaction between man, society and nature in various religious concepts (Jainism, Buddhism, Hinduism, Taoism, Islam, Christianity).
2. Environmental ethics as a science.	Ethics is biological, ecological and medical. The subject and tasks of environmental ethics. The relevance of environmental ethics and its problematic field. Definition of environmental ethics as a science. Normative aspect of environmental ethics: environmental imperative. Approaches to the problems of environmental ethics: anthropocentrism, biocentrism, ecocentrism. Principles of priority in resolving conflict situations (according to P. Taylor).
3. Environmental ethics.	Animal rights: history and modernity. Ethics of scientific research using animals. The problem of keeping pets. The problem of homeless animals. Biodiversity. The reason for the

	popularity of the concept. Biodiversity levels and ethical issues. Wildlife values. Tree or house: the choice of a metropolis (ecological and ethical analysis of the problems of a big city). Weekdays of one ordinary landfill. Ecological act and small deeds. The Ethics of Ecological Catastrophes: The Globalization of Responsibility. environmental movement.
4. Biological ethics.	Ethics is biological, ecological and medical. Ethics of genetic identity. Moral and ethical problems of conducting tests and experiments on humans and animals. Ethical aspects of demographic problems. Multidimensional concept of quality of life: psychological, social, physical and spiritual well-being.

## 6. Classroom equipment and technology support requirements

Table 6.1 Classroom equipment and technology support requirements

Classroom for Academic Activity Type	Classroom equipment	Specialized educational/laboratory equipment and materials for mastering the module
Lecture hall (room)		
Laboratory		
Seminar room	Classroom, equipped with a set of specialized furniture; a whiteboard; a personal computer with a standard package of office programmes; a set of devices includes portable multimedia projector, laptop, projection screen, Stable wireless Internet connection. Software: Microsoft Windows, MS Office / Office 365, MS Teams, Chrome (latest stable release), Skype	
Computer lab		
For students' self-study		

## 7. Resources recommended for course studies

### Main reading

1. Pavlov A.N. Fundamentals of ecological culture. St. Petersburg, Polytechnic, 2004.
2. Tyumentseva E.Yu. Ecological education and upbringing as a factor of sustainable development of society [Electronic resource] / E.Yu. Tyumentseva, V.L. Shtabnov, E.V. Vasiliev. — Electron. text data. — Omsk: Omsk State service institute, 2014. - 159 p. — 978-5-93252-339-1. - Access mode: <http://www.iprbookshop.ru/32800.html>
4. Chugainova L.V. Fundamentals of ecological culture [Electronic resource]: educational methodological manual / L.V. Chugainov. — Electron. text data. — Solikamsk: Solikamsk State Pedagogical Institute, 2013. - 140 p. — 978-5-89469-094-0. - Access mode: <http://www.iprbookshop.ru/47884.html>

### **Additional reading**

1. Burovsky A.M. The evolution of environmental education. // Ecology and life. No. 2, 2006.
2. Interaction between nature and society as a complex problem of science and practices // Sat. scientific works. Irkutsk - Chita, 1981.
3. Glazachev S.N., Kozlova O.N. Ecological culture. M., 1999.
4. Glazachev S.N. Ecological culture of the teacher. M., 1998.
5. Yanitsky O.N. Ecological culture: essays on the interaction of science and practice. Moscow: Nauka, 2007.

### *Internet-based sources*

1. Electronic libraries with access for RUDN students
2. [www.ECOportal.su](http://www.ECOportal.su)- All-Russian ecological portal
3. [www.ecology-portal.ru](http://www.ecology-portal.ru)- ecological portal
4. <http://www.wri.org> - website of the World Natural Resources Institute
5. <http://www.mnr.gov.ru> - website of the Ministry of Natural Resources and Ecology of the Russian Federation
6. <http://www.unep.org> - site of the United Nations Environment Program
7. <http://www.epa.gov/epahome/places.htm> - site of the European Environmental Protection Agency
8. <http://www.ecoline.ru/books/> 14. <http://cci.glasnet.ru/library/> "Ecoline" - Moscow open ecological library.
9. <http://www.zem.km.ru/> "Earthlings" - Publication of materials on the problems of social development, human improvement, ecology, etc.
10. <http://biodiversity.ru/> "Center for Conservation". Monthly magazine.
11. <http://www.anriintern.com/ecology/Ecology>. Textbooks and popular science materials on ecology.
12. <http://www.greenpeace.ru/gpeace/GreenpeaceRussia> - official page.
13. <http://resbigsys.narod.ru/> Research of large systems. - The basic model of the crisis of the Earth civilization. <http://www.pole.com.ru/> Electromagnetic fields and health - The main sources of EMF, protection from EMF. News, the impact of EMF on health.
14. Federal portal "Russian education" <http://www.edu.ru/>

### **8. Assessment toolkit and grading system\* for evaluation of students' competences level upon course completion**

The assessment toolkit and the grading system\* to evaluate the competences formation level (competences in part) upon the course study completion are specified in the Appendix to the course syllabus. \* The assessment toolkit and the grading system are formed on the basis of the requirements of the relevant local normative act of RUDN University (regulations / order).

# ASSESSMENT TOOLKIT

for the course

## **Environmental Ethics**

course title

44.04.02 Psychological and Pedagogical Education

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field of studies / speciality code and title

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**Environmental Pedagogy**

higher education programme profile/specialisation title

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**Master**

graduate's qualification (degree)

## Passport to Assessment Toolkit for Course

Field of studies: 44.04.02 “Psychological and Pedagogical Education”

Course: ENVIRONMENTAL ETHICS

### 12.1. Competences under evaluation and assessment tools

Competences under assessment	Course module under assessment	Tools to assess higher education programme mastering level					Points for module
		Classwork			Self-studies	Exam	
		Test	Control work	Class work	Seminar report		
GC-5, 6 GPC-4 SPC-2	1. Introduction to ecological culture.	X		10	10		20
GC-5, 6	2. The concept of sustainable development as the basis for the formation of modern ecological culture.	X		10	10		20
GPC-4	3. Mechanisms and factors of ecological culture formation.	X		10	10		20
SPC-2	4. Formation of ecological culture.	X		10	10		20
	<b>Exam</b>		10	40	40	10	100

12.2 The maximum number of credits in the course is 3.

#### Assessment & Grading System

Total points	Final assessment	Number of credits
95-100	5	3
86 – 94	5 (B)	3
69-85	4 (C)	2
61-68	3+ (D)	1
51 – 60	3 (E)	1
31 – 50	2 (FX)	0
<30	2 (F)	0

### 12.3 Previous and subsequent courses aimed at building up competences

Nr.	Competence code and title	Previous courses	Subsequent courses
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General competences			
1	<p>GC-1 Able to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy.</p> <p>GC-5 Able to analyze and take into account the diversity of cultures in the process of intercultural interaction.</p> <p>GC-6 Able to identify and implement the priorities of their own activities and ways to improve it based on self-esteem.</p>	<p>Environmental Culture: Genesis and Modern Issues Humanitarian Ecology</p> <p>Environmental Philosophy Sustainable Development in the Context of</p> <p>Environmental Culture Social Ecology</p>	-
General professional competences			
2	<p>GPC-1 Able to carry out and optimize professional activities in accordance with regulatory legal acts in the field of education and professional ethics.</p> <p>GPC-4 Able to create and implement the conditions and principles of spiritual and moral education of students on the basis of basic national values.</p>	<p>Environmental Culture: Genesis and Modern Issues Humanitarian Ecology</p> <p>Environmental Philosophy Sustainable Development in the Context of</p> <p>Environmental Culture Social Ecology</p>	-
Specialized professional competences			
3	<p>SPC-2 Able to carry out research support and educational and methodological support for the implementation of basic and additional, including professional programs.</p>	<p>Environmental Culture: Genesis and Modern Issues Humanitarian Ecology</p> <p>Environmental Philosophy Sustainable Development in the Context of</p> <p>Environmental Culture</p>	-

		Social Ecology	
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## 12.4 Exam questions

1. The moral aspect of the relationship between man, society and nature.
2. Nature as a value.
3. Non-violence as a form of attitude towards nature and as a moral principle.
4. The problem of non-violent interaction between man, society and nature in various religious concepts (Jainism, Buddhism, Hinduism, Taoism, Islam, Christianity).
5. Ethics is biological, ecological and medical.
6. The subject and tasks of environmental ethics.
7. The relevance of environmental ethics and its problematic field.
8. Definition of environmental ethics as a science.
9. Normative aspect of environmental ethics: environmental imperative.
10. Approaches to the problems of environmental ethics: anthropocentrism, biocentrism, ecocentrism.
11. Principles of priority in resolving conflict situations (according to P. Taylor).
12. Animal rights: history and modernity.
13. Ethics of scientific research using animals.
14. The problem of keeping pets.
15. The problem of homeless animals. Biodiversity.
16. The reason for the popularity of the concept.
17. Biodiversity levels and ethical issues.
18. Wildlife values.
19. Tree or house: the choice of a metropolis (ecological and ethical analysis of the problems of a big city).
20. Weekdays of one ordinary landfill.
21. Ecological act and small deeds.
22. The Ethics of Ecological Catastrophes: The Globalization of Responsibility.
23. Environmental movement.
24. Ethics is biological, ecological and medical.
25. Ethics of genetic identity.
26. Moral and ethical problems of conducting tests and experiments on humans and animals. Ethical aspects of demographic problems.
27. Multidimensional concept of quality of life: psychological, social, physical and spiritual well-being.

**Developer,**  
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