

**Federal State Autonomous Educational Institution for Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA (RUDN University)**

Educational Division (faculty/institute/academy):
Institute of Ecology

COURSE SYLLABUS

ENVIRONMENTAL ETHICS

Recommended by the Didactic Council for the Education Field for the specialization:
44.04.02 "Psychological and pedagogical education"

The mastering of the course is carried out as part of the implementation of the main professional syllabus (Higher Education programme, specialization)

Environmental Pedagogy
(master's programme)

AGREED:

Head of the Higher Education
Programme

Y.L. Zakirova

(подпись)

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1. Course Goals and Objectives:

The goal of the course is the formation of professional competencies 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;
- an illustration of 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 Higher Education Programme Structure:

The course «**Environmental Ethics**» refers to an obligatory part of block 1 of the curriculum.

Table No. 1 shows the previous and subsequent disciplines aimed at the formation of the competencies of the corresponding course in accordance with the competence matrix of EP HE.

Table 1. Previous and subsequent courses aimed at building competencies

Nr.	Competence code and title	Previous courses	Subsequent courses
Universal competencies			
1	UC-1 Able to carry out a critical analysis of problem situations based on a systematic approach, to develop an action strategy. UC-5 Able to analyze and take into account the diversity of cultures in the process of intercultural interaction. UC-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 Phylosopy Sustainable Development in the Context of Environmental Culture Social Ecology	-
General competencies			
2	GC-1 Able to carry out and optimize professional activities in accordance with regulatory legal acts in the field of education	Environmental Culture: Genesis and Modern Issues Humanitarian	-

	and professional ethics. GC-4 Able to create and implement the conditions and principles of spiritual and moral education of students on the basis of basic national values.	Ecology Environmental Phylosopy Sustainable Development in the Context of Environmental Culture Social Ecology	
Specialized professional competencies (type of professional activity – research, control and expert, organizational and management)			
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 process of studying the course is aimed at the formation of the following competencies according to the educational standard:

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

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

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

General 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 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.

As a result of studying the course, the student must:

Know: 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;

Be able to: 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.

Possess 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 «**Environmental Ethics**» is 3 credits.

Table 4.1. Types of academic activities during the period of the HE programme mastering

Full-time

Types of academic activities		Total hours	Semesters				
			1	2	3	4	5
Contact academic hours		34				34	
Including:							
<i>Lectures</i>		17				17	
<i>Seminars (workshops/tutorials)</i>		17				17	
<i>Lab works</i>							
<i>Self-study</i>		56				56	
Evaluation and assessment (exam; pass/fail grading)		18				18	
Total course workload		hours	108				
		credits	3				

Part-time

Types of academic activities		Total hours	Semesters				
			1	2	3	4	5
Contact academic hours							
Including:							
<i>Lectures</i>							
<i>Seminars (workshops/tutorials)</i>		10				10	
<i>Lab works</i>		-					
<i>Self-study</i>		94				94	
Evaluation and assessment (exam; pass/fail grading)		4 pass / fail grading				4	
Total course workload		hours	108				
		credits	3				

5. Course content

Table 5.1 Course modules and contents

Course title	Environmental Ethics
Number of credits (hours)	3 (108)
course content	
course modules	theme

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. Recommended sources 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.ru- All-Russian ecological portal
3. 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. Mid-Term Assessment and Evaluation Toolkit

Evaluation materials for students' intermediate certification in the course of «**Environmental Education**» are presented in Appendix 1 to this work programme.

*Assessment materials for the course are developed and executed in accordance with the requirements of the Regulations for the assessment and evaluation funds, approved by order of the rector dated 05.05.2016 No. 420, and include a list of competencies indicating the stages of their formation; description of indicators and criteria for assessing competencies at various stages of their formation, description of assessment scales; standard control tasks or other materials necessary to assess knowledge, skills and (or) experience of activity that characterize the stages of formation of competencies in the process of mastering the educational course; didactic materials that define the procedures for assessing knowledge, skills and (or) experience of activity that characterize the stages of competency formation).

Assessment and Evaluation Fund

ON THE COURSE

ENVIRONMENTAL ETHICS

Direction 44.04.02 Psychological and pedagogical education

Programme:

Environmental Pedagogy

Qualification of the graduate – *Master*

Assessment and evaluation fund passport

Direction 44.04.02 “Psychological and pedagogical education”

Course: ENVIRONMENTAL ETHICS

12.1. Assessment and grading system and characteristics of the assessment scale

Controlled competence code or part	Controlled course module	Forms of control					Module points
		Classroom work			Self-study	Exam	
		Test	Control work	Class work	Seminar report		
UC-5, 6 GC-4 SPC-2	1. Introduction to ecological culture.	X		10	10		20
UC-5, 6	2. The concept of sustainable development as the basis for the formation of modern ecological culture.	X		10	10		20
GC-4	3. Mechanisms and factors of ecological culture formation.	X		10	10		20
SPC-2	4. Formation of ecological culture.	X		10	10		20
	Exam		10	40	40	10	100

12.2 The maximum number of credits in the course is 3. At the same time, the following ratio is established between the number of points and the number of credits:

Points to credits ratio

Total points	Final assessment	Amount 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

Deciphering of grades is also accepted according to the specified document:

- **A: "Excellent"** - the theoretical content of the course has been fully mastered, the necessary practical skills for working with the material learned have been formed, all the educational tasks provided for by the training programme have been completed, the quality of their implementation was assessed by the number of points close to the

maximum.

- **B: "Very good"** - the theoretical content of the course is mastered completely, the necessary practical skills of working with the acquired material are basically formed, all the educational tasks provided for by the training programme are completed, the quality of most of them is assessed by the number of points close to the maximum.

- **C: "Good"** - the theoretical content of the course has been mastered completely, some practical skills of working with the mastered material are not sufficiently formed, all the educational tasks provided for by the training programme have been completed, the performance quality of none of them has not been assessed with a minimum number of points, some types of tasks have been completed with mistakes.

- **D: "Satisfactory"** - the theoretical content of the course is partially mastered but the gaps are not significant, the necessary practical skills to work with the acquired material are basically formed, most of the educational tasks provided for in the training programme have been completed, some of the completed tasks may contain errors.

- **E: "Mediocre"** - the theoretical content of the course is partially mastered, some practical skills have not been formed, many of the educational tasks provided for by the training programme have not been completed, or the quality of some of them is assessed by the number of points close to the minimum.

- **FX: "Conditionally unsatisfactory"** - the theoretical content of the course has been partially mastered, the necessary practical skills have not been formed, most of the educational tasks provided for by the training programme have not been completed, or the quality of their implementation was assessed by the number of points close to the minimum; it is possible to improve the quality of completing educational tasks with additional independent work on the course material.

- **F: "Certainly unsatisfactory"** - the theoretical content of the course has not been mastered, the necessary practical skills are not formed, all the completed study tasks contain gross errors, additional independent work on the course material will not lead to any significant improvement in the quality of the study tasks.

12.3 List of competencies and their formation stages

Nr.	Competence code and title	Previous courses	Subsequent courses
Universal competencies			
1	UC-5 Able to analyze and take into account the diversity of cultures in the process of intercultural interaction. UC-6 Able to identify and implement the priorities of their own activities and ways to improve it based on self-esteem.	-	Environmental Ethics Psychology of Environmental Behaviour Humanitarian Ecology Environmental Phylosopy Sustainable Development in the Context of Environmental Culture
General competencies			
2	GC-4 Able to create and implement the conditions	-	Environmental Ethics Psychology of Environmental Behaviour

	and principles of spiritual and moral education of students on the basis of basic national values.		Humanitarian Ecology Environmental Phylosopy Sustainable Development in the Context of Environmental Culture
Specialized professional competencies (type of professional activity – research, control and expert, organizational and management)			
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 Ethics Psychology of Environmental Behaviour Humanitarian Ecology Environmental Phylosopy Sustainable Development in the Context of Environmental Culture

12.4. Typical control tasks or other materials necessary to assess knowledge, skills and (or) experience of activities, characterizing the formation stages of competencies in the process of mastering the educational course

Questions to prepare for certification

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.

The programme is compiled in accordance with the requirements of the ES HE RUDN / FGOS HE.

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