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

HUMANITARIAN ECOLOGY

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	Chairperson of the Didactic Council	Head of the Department
Y.L. Zakirova		
(подпись)	(подпись)	(подпись)
«___»_____202__ г.	«___»_____202__ г.	«___»_____202__ г.

Moscow, 2022

1. Course Goals and Objectives:

The goal of the course: is development of environmental culture in students, who will be able to use humanitarian methods in their professional environmental activities.

Objectives:
- disclosure of contradictions between society and nature;
- study of the main ways of interaction between society and nature;
- analysis of the concept of sustainable development;
- acquaintance with V.I. Vernadsky's doctrine of the biosphere as methodological basis of Humanitarian Ecology;
- disclosure of philosophical, psychological and pedagogical components of Humanitarian Ecology;
- development of environmental culture of future specialists;
- providing knowledge of the moral and ethical potential of nature through technologies of axiological content.

2. Course in Higher Education Programme Structure:

The course «**Humanitarian Ecology**» refers to the optional 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-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 Social Ecology	Environmental Ethics
General competencies			
2	**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.	Environmental Culture Social Ecology	Environmental Ethics
Specialized professional competencies (type of professional activity – research, control and expert, organizational and management)			
3	**SPC-2** Able to design and implement the educational process in the natural sciences under the programs of basic general, secondary general education and	Environmental Culture Social Ecology	Environmental Ethics

additional, including vocational education.		

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 – 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 – 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 design and implement the educational process in the natural sciences under the programs of basic general, secondary general education and additional, including vocational education.

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

Know: the main ways of interaction between society and nature; the concept of sustainable development; V.I. Vernadsky's doctrine of the biosphere; philosophical, psychological and pedagogical components of Humanitarian Ecology; moral and ethical potential of nature.

Be able to: to use humanitarian methods in professional environmental activities.

Master: the basics of theoretical knowledge on the Humanitarian Ecology; environmental culture.

4. Course Workload and Academic Activities

The course workload of «**Humanitarian Ecology**» is 4 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		30		30			
Including:							
Lectures		15		15			
Seminars (workshops/tutorials)		15		15			
Lab works							
Self-study		78		78			
Evaluation and assessment (exam; pass/fail grading)		36		36			
Total course workload	hours	144		144			
	credits	4		4			

Part-time

Types of academic activities	Total hours	Semesters				
		1	2	3	4	5
Contact academic hours						
Including:						
Lectures						

Seminars (workshops/tutorials)	12			12	
Lab works					
Self-study	126			126	
Evaluation and assessment (exam; pass/fail grading)	6 pass/fail grading			6	
Total course workload	hours	144		144	
	credits	4		4	

5. Course content

Table 5.1 Course modules and contents

course modules	contents
1. Fundamentals of Humanitarian Ecology.	The history of ideas about Humanitarian Ecology. The structure of Humanitarian Ecology in the context of global problems of mankind. Methods of Humanitarian Ecology. International conceptual solutions in the field of Humanitarian Ecology.
2. Humanitarian Ecology in the system of natural and human sciences.	"Russian cosmism" as a theoretical basis for Humanitarian Ecology. Environmental ethics. Ecological outlook. noospheric paradigm. Humanitarian aspects of interaction between society and nature. Philosophical problems of ecology and other life sciences. Modern trends and prospects for global processes and possible solutions to global problems of our time. Ecological aesthetics and its role in solving environmental problems.

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. 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
2. Kanke V.A. History, philosophy and methodology of natural sciences: textbook for masters. M.: Yurait Publishing House, 2019, 505 p.
3. Pavlov A.N. Fundamentals of ecological culture. St. Petersburg, Polytechnic, 2004.

Additional reading
1. Introduction to social ecology. - M, 1993. - part 1. - 237 p.; 1994. - part 2. - 255 p.
2. Vernadsky V.I. Biosphere and Noosphere. - M.: Nauka, 1989. – 258 p.
3. Girusov E.V. From ecological knowledge to ecological consciousness // Interaction of society and nature. - M.: Nauka, 1986. - P. 76.
4. Kavtaradze D.N. Bludny A.A. Fundamentals of ecolecical worldview as a task of public education. 1993. - p. 3-35.
5. Mamedov N.M. The concept of sustainable development and environmental education // Ecology and geography of teacher training problems. - M., 1995, pp 17-51.
6. Milashevich V.V. Humanitarian essence of greening // Greening. Problems and processes of modern development. - Vladivostok, 1988. - P. 137-145.
7. Moiseev N.N. Time to set national goals. Part 3 M.: Publishing House in MNEPU, 1997. - 256 p.
8. Moiseev N.N. Historical development and ecological education. - M., 1995. - 56 p.
9. Moiseev N.N. Ecology, morality and politics // Issues of Philosophy. - 1989 - No. 5. - P. 3-25.
10. Sikorskaya G.P., Shevtsov A..G. Philosophical and methodical fundamentals of ecological activity. Textbook for students. - Ekaterinburg: Publishing House of the State. Ped. Un., 1996. - 69 p.

Internet-based sources

Electronic libraries with access for RUDN students

Education and society [Electronic resource]: Scientific, informational–analytical journal for researchers and organizers of the education system. – URL: http://www.jeducation.ru:80 .

Educational issues [Electronic resource]: Scientific and educational journal Higher School of Economics. – URL: http://vo.hse.ru

Pedagogy [Electronic resource]: scientific and theoretical journal. – URL: http://pedagogika-rao.ru

Pedagogy [Electronic resource]: Scientific and theoretical journal of the Russian academy of education. – URL: http://pedagogika-rao.ru/ .

Public education [Electronic resource]: Social and pedagogical magazine. – URL: http://elibrary.ru/title_about.asp?id=7908 .

8. Mid-Term Assessment and Evaluation Toolkit

Evaluation materials for students' intermediate certification in the course of «**Humanitarian Ecology**» 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

HUMANITARIAN ECOLOGY

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: <u>HUMANITARIAN ECOLOGY</u>

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. Fundamentals of Humanitarian Ecology.	10		15	15		30
UC-5, 6 GC-4 SPC-2	2. Humanitarian Ecology in the system of natural and human sciences.	10		15	15		30
	Pass/fail grading	20	10	30	30	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 Culture Social Ecology	Environmental Ethics
General competencies			
2	**GC-4** Able to create and implement the conditions and principles of spiritual and moral education of	Environmental Culture Social Ecology	Environmental Ethics

	students on the basis of basic national values.		
Specialized professional competencies (type of professional activity – research, control and expert, organizational and management)			
3	**SPC-2** Able to design and implement the educational process in the natural sciences under the programs of basic general, secondary general education and additional, including vocational education.	Environmental Culture Social Ecology	Environmental Ethics

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 history of ideas about Humanitarian Ecology.
2. The structure of Humanitarian Ecology in the context of global problems of mankind. Methods of Humanitarian Ecology.
3. International conceptual solutions in the field of Humanitarian Ecology.
4. "Russian cosmism" as a theoretical basis for Humanitarian Ecology.
5. Environmental ethics. Ecological outlook.
6. Noospheric paradigm.
7. Humanitarian aspects of interaction between society and nature.
8. Philosophical problems of ecology and other life sciences.
9. Modern trends and prospects for global processes and possible solutions to global problems of our time.
10. Ecological aesthetics and its role in solving environmental problems.

The assessment and evaluation of knowledge, skills and abilities is carried out by using the components of the WCF presented in paragraphs 12.1-12.3, 12.4 in accordance with the sequence of acquisition of competencies indicated in table 12.2.

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

Developer:

Associate Professor of the Department of Foreign Languages   Y.L.Zakirova

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