

APPROVED BY
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WORK PROGRAM OF THE DISCIPLINE
«Moral Education Practice»

Field of study	11.03.02 Infocommunication Technologies and Communication Systems
Profile	Intelligent Data Processing in Infocommunication Systems and Networks
Year of start of training	Oct. 2026
Form of study	Full-time
Implemented in a semester	7

Developed by
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1. Purpose and objectives of mastering the discipline (module)

The purpose of teaching the discipline "Sustainable Development" is to train bachelors who have knowledge about the essence, methods of implementation and specifics of sustainable development and planning. The theoretical development of the course involves the study of the features of sustainable development, its role in the life of society, the possibilities of planning as a special type of activity.

This course is intended for everyone who is interested in the global development of mankind. In modern relations between nature and society, there are a number of acute problems - environmental, demographic, economic and social. Without their solutions, it is difficult to imagine a "bright" harmonious future, both for the whole world and for its individual regions and countries.

The answer to the challenges facing humanity can be the concept of sustainable development, supported by the UN and accepted by most countries of the world. Having studied its main provisions and goals, the course participants will learn: how to rationally use natural resources and the environment, whether the economy and consumption can grow endlessly, what social justice and responsibility are. And, finally, what kind of world we and our descendants will have to live in.

Course objectives:

- To gain an understanding of the foundations of sustainable development of mankind at the global and regional levels in order to develop practical recommendations for ensuring sustainable development.
- To form ideas on the fundamental and applied sections of the discipline and develop skills for their creative use in scientific and industrial and technical activities.
- To prepare for active communication in the scientific, industrial, social and public spheres of activity.
- To develop elementary skills of economic analysis and the ability to apply them to understand the socio-economic processes of assessing economic policy, including in the areas of ecology.

2. Place of the discipline (module) in the structure of the educational program

The discipline "Sustainable Development" belongs to the part of the Discipline (modules) of choice 1, block 1. Its development takes place in the 2nd semester.

3. List of planned learning outcomes in the discipline (module) correlated with the planned results of the development of the educational program

Code, formulation of competence	Indicator code, wording	Planned learning outcomes in the discipline (module), characterizing the stages of the formation of competencies, indicators
UK-2 Is able to determine the range of tasks within the framework of the goal and choose the best ways to solve them, based on the current legal norms, available resources and constraints	ID-1 UK-2 formulates the goal of the project, defines a set of interrelated tasks that ensure its achievement and determines the expected results of solving problems.	Understands the composition and structure of the goals of moral education.
	ID-2 UK-2 develops an action plan to solve the tasks of the project, choosing the best way to solve them, based on the current legal norms and available resources and restrictions.	Has knowledge of moral education
	ID-3 UK-2 ensures the implementation of the project in accordance with the established goals, deadlines and costs, based on current legal regulations, available resources and constraints, including the use of digital tools.	Knows how to use modern information resources and tools to assess the level and problems of development in the field of moral education.
UK-10 Able to carry out social interaction and fulfill his role in a team	ID-1 UK-10 is familiar with the current legal norms that ensure the fight against corruption in various areas of life, with	Supports and implements the values of moral education, is familiar with the current legal

	ways to prevent corruption and form an intolerant attitude towards it;	norms that ensure the fight against corruption in various areas of life
	ID-2 ^{UK-10} prevents corruption risks in professional activities; excludes interference in one's professional activities in cases of inducement to corruption offenses;	Is ready to use innovative technologies and new forms of education, prevents corruption risks in professional activities
	ID-3 ^{UK-10} interacts in society on the basis of an intolerant attitude to corruption.	He interacts in society on the basis of an intolerant attitude to corruption.

4. Scope of the academic discipline (module) and forms of control

Scope of classes: total: 12 EC, 432 academic hours.	OFO, in acad. hours
Contact work:	
Lectures/from them practical training	-
Laboratory work/from them practical training	-
Practical training/of which practical training	16
Independent work	362
Forms of control	
Exam	54
Credit	-
Credit with a grade	-
Course work	no

The discipline (module) provides for the use of e-learning, distance educational technologies.

5. The content of the discipline (module), structured by topics (sections) with an indication of the number of hours and types of classes

5.1. Thematic plan of the discipline (module)

№	Section (topic) of the discipline and summary	Emerging competencies, indicators	Full-time				Forms of current control
			Contact work of students with the teacher / of them in the form of practical training, hours			Independent work, hours	
			Lectures	Practical exercises	Laboratory work		
1.	Topic 1. The essence of education and its place in the integral structure of the educational process Questions for discussion. Practical tasks.	UK-2, UK-10		2		30	Interview
2.	Topic 2. Patterns and principles of upbringing Questions and tasks of a reproductive nature Questions for discussion. Practical tasks.	UK-2, UK-10		2		30	Interview
3.	Topic 3. Pedagogy of Individual Education Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks	UK-2, UK-10		2		30	Interview
4.	Topic 4. Diagnosis of a student's good manners Questions and tasks of a reproductive nature. Questions for discussion Practical tasks.	UK-2, UK-10		2		30	Interview
5.	Topic 5. Personality education in the team and through the team Questions for discussion. Practical tasks	UK-2, UK-10		2		30	Interview
6.	Topic 6. Guidance of self-education of a student Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks	UK-2, UK-10		2		30	Interview

7.	Topic 7. Re-education Questions and tasks of a reproductive nature. Practical task. 20	UK-2, UK-10		2		30	Interview
8.	Topic 8. Moral education Questions for discussion. Practical task.	UK-2, UK-10		2		30	Interview
9.	Topic 9. Fundamentals of aesthetic education Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks.					30	Interview
10.	Topic 10. Fundamentals of physical education Reproductive Questions and Tasks Questions for discussion. Practical tasks.					30	Interview
11.	Topic 11. Fostering a culture of communication Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks.					10	Interview
12.	Topic 12. Fundamentals of labor education in an institution Questions for discussion.					10	Interview
13.	Topic 13. Career guidance work in the institution Questions and tasks of a reproductive nature. Practical task.					10	Interview
14.	Topic 14. Education of a citizen Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks.					10	Interview
15.	Topic 15. Methods of education Questions and tasks of a reproductive nature. Questions for discussion. Practical tasks.					10	Interview
16.	Topic 16. Forms of education Questions and tasks of a reproductive nature. Practical tasks.					12	Interview
	Exam preparation					54	
	TOTAL for the 7th semester			16		362	

6. Fund of assessment tools for current monitoring of progress and intermediate certification of students in the discipline (module)

The Assessment Tools Fund (ASF) for current monitoring of progress and intermediate certification of students in a discipline (module) is based on a list of competencies to be mastered with an indication of the stages of their formation in the process of mastering the discipline (module). The CSF provides objective control over the achievement of the planned learning outcomes. The CSF includes:

- description of indicators and criteria for assessing competencies at various stages of their formation, description of assessment scales;
- methodological materials that determine the procedures for assessing knowledge, skills, and (or) experience of activity, characterizing the stages of competence formation;
- standard control tasks and other materials necessary to assess knowledge, skills and the level of mastery of the formed competencies in the process of mastering the discipline (module).

The FAT is an appendix to this program of the discipline (module).

7. Methodical instructions for students on the development of the discipline

Starting work, each student should take into account the following provisions.

The discipline (module) is built on a thematic principle, each topic is a logically complete section.

The lecture material is devoted to the consideration of the key, basic provisions of the courses and the explanation of educational tasks submitted for independent work of students.

Practical classes are conducted in order to consolidate the learned information, to acquire skills for its application in solving practical problems in the relevant subject area.

Independent work of students is aimed at independent study of additional material, preparation for practical classes, as well as the performance of all types of independent work.

For the successful development of the discipline, it is necessary to perform all types of independent work, using the recommended sources of information.

8. Educational, methodological and information support of the discipline

8.1. List of basic and additional literature necessary for mastering the discipline (module)

8.1.1. List of basic literature:

1. Emelyanov, S. A.; Russian intelligentsia, new elites and moral leadership: socio-ethical studies. - St. Petersburg: Aletheia, 2018. - 133 p. - <http://biblioclub.ru/>. - Bibliogr. in. - ISBN 978-5-906980-63-2, unlimited copies

2. Plekhanova, E. A.; Psychology of Moral Development of Personality Elektronnyi resurs / Plekhanova E. A. : textbook. - Ufa : BSPU named after M. Akmulla, 2019. - 160 p. - ISBN 978-5-907176-17-1, unlimited copies

8.1.2. List of additional literature:

3. Problems of Moral and Ethical Psychology in Modern Russia / M. I. Volovikova, L. M. Popov, A. B. Kupreychenko [i dr.] ; edited by M. I. Volovikova. - Problems of Moral and Ethical Psychology in Modern Russia, 2022-09-26. - Electron. dan. (1 file). - Moscow : Publishing House "Institute of Psychology of the Russian Academy of Sciences", 2019. - 320 p. - electronic. - The book is in the premium version of EBS IPR BOOKS. - ISBN 978-5-9270-0214-6, unlimited copies

4. Gostev, A. A.; Global Psychomanipulation: Psychological and Spiritual and Moral Aspects / A. A. Gostev. - Global Psychomanipulation: Psychological and Spiritual and Moral Aspects, 2022-09-26. - Electron. dan. (1 file). - Moscow : Institute of Psychology of the Russian Academy of Sciences Publishing House, 2017. - 467 p. - Electronic. - The book is in the premium version of EBS IPR BOOKS. - ISBN 978-5-9270-0345-7, unlimited copies

5. Yablonskaya, S. Yu.; Spiritual, moral and social beginnings of life in the artistic thinking of Platonov and Dostoevsky: the experience of comparative research: monograph / S.Yu. - Moscow|Berlin : Direct-Media, 2019. - 132 p. - <http://biblioclub.ru/>. - References: p. 124-131., unlimited copies

8.2. List of educational and methodological support for students' independent work in the discipline (module)

1. Guidelines for practical classes in the discipline "Practice of moral education". Stavropol: NCFU, 2022.

2. Guidelines for the organization of students' independent work in the discipline "Sustainable Development". Stavropol: NCFU, 2022.

8.3. List of resources of the information and telecommunication network "Internet" necessary for mastering the discipline (module)

1. rosstat.gov.ru – website of the Federal State Statistics Service.

9. List of information technologies used in the implementation of the educational process in the discipline (module), including a list of software and information reference systems

When reading lectures, computer equipment is used, demonstrations of presentation multimedia materials. At seminars and practical classes, students present presentations prepared by them during the hours of independent work.

Information reference systems:

Information and reference and information and legal systems used in the study of the discipline:

1	rosstat.gov.ru is the website of the Federal State Statistics Service.
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Software:

1	Viola Workstation 10
2	Alt Workstation K
3	Viola "Server"
4	Office software package - P7-Office

10. Description of the material and technical base necessary for the implementation of the educational process in the discipline (module)

Lectures	Classroom for training sessions, equipped with multimedia equipment and technical teaching aids.
Practical exercises	Classroom for training sessions, equipped with multimedia equipment and technical teaching aids.
Independent work	Room for independent work of students, equipped with computer equipment with the ability to connect to the Internet and the ability to access the electronic information and educational environment of the university

11. Features of mastering the discipline (module) by persons with disabilities

Students with disabilities are provided with special textbooks, teaching aids and didactic materials, special technical teaching aids for collective and individual use, the services of an assistant (assistant) who provides students with the necessary technical assistance, as well as the services of sign language interpreters and typhlo-sign interpreters.

The development of a discipline (module) by students with disabilities can be organized together with other students, as well as in separate groups.

The development of a discipline (module) by students with disabilities is carried out taking into account the characteristics of psychophysical development, individual capabilities and health status.

In order to ensure the accessibility of higher education under the educational program by persons with disabilities when mastering the discipline (module), the following is ensured:

1) for visually impaired persons:

- the presence of an assistant who provides the student with the necessary technical assistance, taking into account individual characteristics (helps to take a workplace, move, read and complete the task, including by writing down by dictation),

- written tasks, as well as instructions on the procedure for their implementation, are drawn up in enlarged font,

- special textbooks, teaching aids and didactic materials (with large print or audio files),

- individual uniform lighting of at least 300 lux,

- if necessary, the student is provided with a magnifying device to complete the task;

2) for persons with hearing disabilities:

- the presence of an assistant who provides the student with the necessary technical assistance, taking into account individual characteristics (helps to take a workplace, move, read and complete the task, including by writing down by dictation),
- the availability of sound-amplifying equipment for collective use is ensured, if necessary, the student is provided with sound-amplifying equipment for individual use;
- is provided with appropriate sound means of reproducing information;
- 3) for persons with disabilities with musculoskeletal disorders (including those with severe disorders of the motor functions of the upper extremities or the absence of upper limbs):
- written tasks are performed on a computer with specialized software or dictated to an assistant;
- At the request of the student, tasks can be performed orally.

12. Features of the implementation of the discipline using distance educational technologies and e-learning

According to Part 1 of Article 16 of the Federal Law of December 29, 2012 No 273-FZ "On Education in the Russian Federation", *e-learning* is understood as the organization of educational activities with the use of information contained in databases and used in the implementation of educational programs and information technologies, technical means, as well as information and telecommunication networks that ensure the transmission of this information through communication lines, the interaction of students and teachers. Distance *educational technologies* are understood as educational technologies implemented mainly with the use of information and telecommunication networks with indirect (at a distance) interaction between students and teachers.

The discipline can be implemented using distance learning technologies and e-learning in whole or in part. The components of the discipline's teaching materials (the discipline's work program, assessment and methodological materials, forms of certification), implemented using distance learning technologies and e-learning, contain an indication of their use.

When organizing educational activities with the use of distance educational technologies and e-learning, asynchronous and synchronous ways of interacting with participants in educational relations through the information and telecommunication network "Internet" may be provided.

When using distance learning technologies and e-learning, the schedule for the discipline indicates: ways of interaction between participants in educational relations through the information and telecommunication network "Internet" (videoconferencing, ET - electronic testing); links to the electronic information and educational environment of NCFU, to educational platforms and resources of other organizations to which open access is provided through the information and telecommunication network "Internet"; for synchronous learning - the time of online classes and teachers; for asynchronous learning - the authors of online courses.

When organizing interim certification using distance learning technologies and e-learning, the Methodological Recommendations for the Use of Technical Means That Ensure the Objectivity of Results in the Conduct of Interim and State Final Certification in Educational Programs of Higher Education - Bachelor's Degree Programs, Specialist Programs and Master's Degree Programs with the Use of Distance Educational Technologies (Letter of the Ministry of Education and Education of Russia dated 07.12.2020 No MN-19/1573-AN "On the Direction of Methodological Recommendations") are used.

The implementation of the discipline using e-learning and distance learning technologies is carried out using the electronic information and educational environment of NCFU, to which students have access through the information and telecommunication network "Internet", or using the resources of other organizations, including platforms that provide services for video conferences, online meetings and distance learning (MTS-Link), as well as using the capabilities of social networks for communication between students and teachers.

Educational and methodological support of the discipline implemented with the use of e-learning and distance educational technologies includes a work program, teaching aids or a course of lectures presented in electronic form, guidelines for the implementation of various types of educational activities of students provided for by the discipline, and other educational materials posted in the information and educational environment of NCFU.

