

# **Unified educational environment and university ecosystem as the basis for the formation of patriotism taking into account civic identity in a modern family**

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**Abstract.** The article examines the conceptual foundations of moral ecology and proposes the practice of implementing the problems of creating a single educational space for a university on the example of FSBEI HE "Shukshin Altay State University for Humanities and Pedagogy" (Biysk, Altai Territory, Russia). The features of the university ecosystem, which includes this educational space, are described. It also presents the results of using the ecosystem and a single educational space as the basis for the formation of patriotism, taking into account the civic identity of students in a modern family. The formation of students' patriotism was chosen as the main direction of the research.

**Keywords:** unified educational space, university ecosystem, patriotism, civic identity, modern family, students.

## **Introduction**

The creation of a single educational space that unites all the resources of educational organizations and social space for solving educational goals in each region is currently one of the most significant tasks of society and the state. At the same time, the formation of patriotism in such a space, taking into account civic identity, is rooted in the modern family, interaction with which should also become one of the mandatory components of a single educational space.

The relevance of the topic we are considering is confirmed by the amendments to the Federal Law "On Education in the Russian Federation" on the education of students, introduced on July 31, 2020 [1].

V.M. Shukshin Altay State University for Humanities and Pedagogy (hereinafter referred to as the Shukshin University) always responds to the challenges of the time and immediately set about solving the problems in the field of education set for educational organizations of various levels. Taking responsibility for the fulfillment of the most important task of education, which is considered as an activity aimed at developing the personality and creating conditions for self-determination and socialization of students, Shukshin University took under special control the solution to the problem of developing and improving educational activities and creating an educational space as in the university itself, and a single educational space in the tandem "university - schools of the Biysk educational district" [2].

As Academician D.S. Likhachev: "Love for the native land, for the native culture, for the native village or city, for the native speech begins with small things - with love for your family, for your home, for your school. Gradually expanding, this love for one's family turns into love for one's country - for its history, its past and present, and then for all of humanity, for human culture"[3, p. 401]. At the same time, the author believed that in education it is impossible to exclude the unity of the people, nature and culture. Therefore, we have no doubt that the achievements of science, which deals with the protection and restoration of the surrounding nature and is called "ecology", helped us to create an ecosystem at Shukshin University. The university ecosystem has created an educational and upbringing space through environmental laws that make it possible to realize the ecology of the educational environment as a comfortable, expediently organized space that ensures the implementation of all educational and educational tasks [4].

When creating the ecosystem of Shukshin University, including a single educational space, we were guided by the recommendations of Academician D.S. Likhachev, who believed that: "... Ecology cannot be limited only by the tasks of preserving the natural biological environment. For a person's life, the environment created by the culture of his ancestors and himself is no less important. The preservation of the cultural environment is a task no less important than the preservation of the surrounding nature. If nature is necessary for a person for his biological life, then the cultural environment is just as necessary for his spiritual, moral life, for his "spiritual settledness", for his attachment to his native places, for his moral self-discipline and sociality. Meanwhile, the issue of moral ecology is not only not studied, it is not even posed by our science as something whole and vitally important for a person"[3, p. 418-419]. From this statement, we can draw a conclusion about the need for research in the field of moral ecology, which, in our opinion, should include such spiritual and moral components as patriotism, civic identity, as well as the peculiarities of their formation in the interaction "family - society - educational organization (preschool institution, school, college, university, institutions of additional education)".

**Purpose of the study** – it is the identification of the conceptual foundations of moral ecology, the practical transformation of the university ecosystem and the construction of a single educational space in it for the formation of patriotism, taking into account the civic identity of students in a modern family.

### **Materials and methods**

With the financial support of the Ministry of Education of the Russian Federation within the framework of the state assignment for the implementation of research work on the topic "Civic identity of adolescents in a modern family: conceptual foundations and the formation of

patriotism in the context of various ethnic cultures and regions" within the framework of the Program of fundamental scientific research in the Russian Federation for a long-term period (2021-2030) (Internet topic number 1321083015652-9) Shukshin University began researching not only the fundamental foundations of this scientific direction, but also began to transform the university ecosystem. The ecosystem needed to be changed in terms of design in a single educational space of the direction associated with its filling with tools and platforms, including digital ones, which will ensure interaction with the family and help not only to identify civic identity among students, but also to form patriotism, taking into account their identity.

Given the multidimensionality and versatility of our goal, we considered it necessary to present the basic definitions of this part of the study to ensure the unity of the conceptual and terminological field.

Patriotism (from the Greek πατριώτης - "compatriot", πατρίς - "fatherland") is a kind of political principle, a social feeling, the content of which is love, attachment to the Motherland, devotion to it and readiness for any sacrifices for its sake [5, p. 164]. Identity is a property of the human psyche in a concentrated form to express for him how he imagines his belonging to a particular group or community [5]. Civic identity is a person's awareness of his belonging to the community of citizens of a particular state, participation in the social and political life of the country, which is very significant for the individual; is based on the sign of a civic community, which characterizes civic identity as a collective entity [6]. The definition of "civic identity" should be distinguished from the idea of "citizenship", where the individual acts as the bearer of certain political rights and freedoms, and also has responsibilities in relation to the state, i.e. citizenship itself is rather a formal legal status of an individual and its difference from non-citizens of a particular state [7]. Civic identity is one of the components of a person's social identity. Along with civic identity, in the process of personality formation, other types of social identity are formed - gender, age, ethnic, religious, professional, political, etc. [8]. The modern family is an institutionalized community formed on the basis of marriage and the resulting legal and moral responsibility of spouses for the health of children and their upbringing [9, p. 57]. We presented the definitions we have chosen, since they are incorporated into the stages we describe in creating the ecosystem of the Shukshin University, the integrated educational space included in it, and filling the system of forming students' patriotism.

The basis for the creation of the ecosystem of Shukshin University was the "spinning top of life", which provides life in the natural ecosystem. Sustainable evolution of the natural "spinning top of life" is ensured by flows of energy in the form of solar heat and light, flows of matter in the form of biomass and flows of information that provide informational communication of all living and non-living things in the biosphere. In this case, the flows of

matter and energy in the biosphere are inseparably connected with the flows of information. Scientists suggest that the ability to perceive, accumulate and use information is one of the most important features of living matter [4]. This means that in order for the university ecosystem to ensure the ecologization and continuous evolution of the educational and educational environment, analogs of energy, substance and information flows are needed to ensure the life of an educational organization, its connection with external social and socio-professional spheres of society, similar to natural ones.

The scientific school of Shukshin University identified the main flows of energy, matter and information necessary for the effective functioning of the educational ecosystem. Research conducted at the university has shown that in the educational ecosystem, energy sources are virtual sources of local storage of the university and energy reserves in virtual cloud storage. For the educational ecosystem, the transition of energy support is provided, which came from virtual sources and supplemented with the energy of value-semantic, motivational and psychological-pedagogical support [10]. In this educational ecosystem, there is a constant exchange of energy and material components between participants in educational activities. Material sources of development and successful functioning of an educational ecosystem are similar to the flows of matter in a natural ecosystem. Material support, similar to the flows of matter in the natural system, is formed on the basis of the psychological and pedagogical foundations of didactics, which make it possible to form ecologically sound, psycho-pedagogically verified educational and educational content in the educational ecosystem as a structured subject content used in the educational process [4]. However, efficiency, continuous movement, development, evolution in the educational ecosystem of the university is impossible without the transfer of information. The provision of information flows in the educational ecosystem occurs through the interaction of all information communication channels - digital and robotic tools (platforms, portals, sites, etc.) located in the electronic information educational environment (EIEE) of the university. Thus, the ecosystem operating at the university has every reason to include in it a single educational space as the basis for the formation of patriotism, taking into account the civic identity of students. The university ecosystem has:

- within the educational and educational space: virtual sources of the local network of the university and sources of virtual cloud storage, providing value-semantic, motivational and psychological-pedagogical support;

- at EIEE University: educational content, developments in the field of psychological and pedagogical foundations of didactics;

- in the information support of all areas of interaction, the distribution of information flows, the accumulation and processing of information: electronic, digital and robotic tools,

platforms, portals, etc., contributing to the effectiveness of a single educational space.

### **Results and discussion**

The conceptual foundations of creating a single educational space based on the university ecosystem, if it is used to form patriotism, taking into account the civic identity of students in a modern family, we consider a set of methodological and technological ideas (foundations) that ensure its structural, procedural and content specificity.

The main methodological ideas that formed the basis of a unified educational space are: theory of self-organization, synthesis of evolving structures into one complex structure, ideas of cooperation pedagogy, pedagogy of humanism, common care, a single educational and developmental space, multidimensionality and diversity of socialization fields as components of the educational space, the unity of the educational environment in a modern family [11]. The basic technological ideas of a single educational space are the ideas of using innovative educational technologies, including traditional educational practices, as well as electronic, digital, robotic elements that provide a variety of interactions. At the same time, by the technology of education, we mean a system of methods, techniques, and procedures of educational activity developed by science and selected by practice, which allow it to appear at the level of mastery and guarantee the reproducibility and quality of results [12].

Structural and procedural specificity is expressed by the fact that all traditional structural components of the pedagogical educational process (taxonomy of goals and objectives, forms, methods and means) are present in a single educational space. However, the structure includes modern electronic, digital and robotic elements of interactions (university - educational organizations (schools, colleges); teachers - students; students - schoolchildren (college students) - educational organizations; university - parents; educational organizations - parents, etc.). The procedural orientation of these innovative elements is determined not only by socially and socially significant goals, but also by personal goals, motives, and needs of the subjects. The specificity of the procedural component is the organization of practical educational work to ensure the result of joint activities of all subjects (participants in interactions) in a single educational space in several aspects:

- firstly, the specific actions and operations of the participants in the interactions that they perform in everyday life and communication;
- secondly, the processes of controlled interactions provided by an innovative digital educational environment (EIEE of the university and educational organizations, information capabilities of the Internet and social networks, specially created platforms and sites, etc.);
- thirdly, the actions, deeds, behavior of the pupil in the process of mastering spiritual knowledge, the formation of moral skills, habits and skills that ensure the formation of

patriotism, taking into account personal characteristics, including civic identity formed in the family.

The content specificity of a single educational space provides in the content component of education the presence in the educational and educational content of a set of materials that ensure the formation of ideas, concepts, judgments and values of a patriotic orientation [13]. Also, the content specificity of the unified educational space of the university provides such content of the educational process, which is conditioned, on the one hand, by the goals and interests of specific activities and the formation of a personality endowed with universal human values, and, on the other hand, by the formation of a citizen and patriot of their homeland.

A generalization of the above in the form of a graphic image of a single educational space is shown in figure 1.

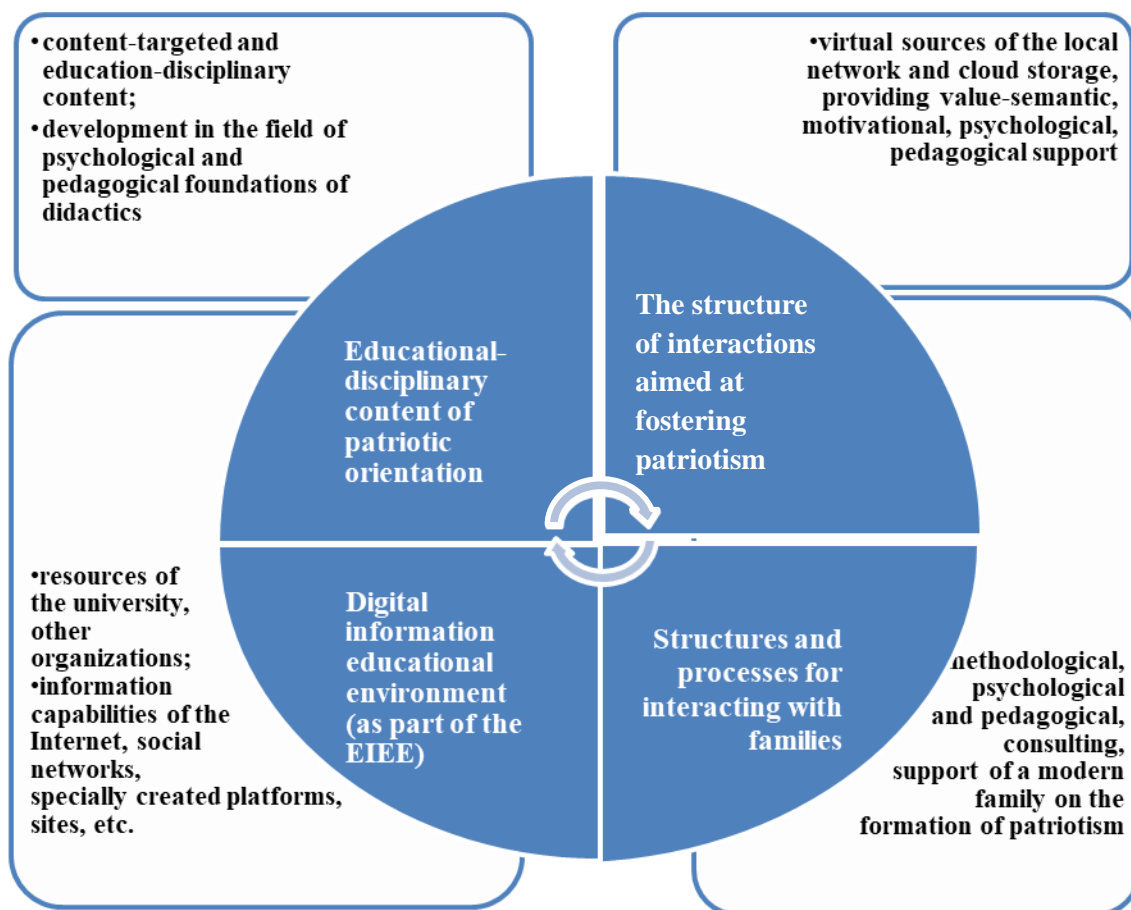


Figure 1. Structural, procedural and content components of a single educational space aimed at the formation of patriotism, taking into account the civic identity of students in a modern family

On the basis of a graphic representation of the structural, procedural and content

components of a single educational space, presented in figure 1, it is necessary to fill each component with specific content, forms, methods, means, as well as technologies for the formation of patriotism, taking into account the civic identity of students in a modern family.

At the same time, the further activities of the scientific school of Shukshin University are also represented by a professional management component, which ensures the effectiveness of the creation and application in a single educational space of the university: a single educational and educational content of a patriotic orientation; structures of interactions aimed at fostering patriotism; digital information educational environment; as well as structures and processes that provide both direct interaction with families: "university - family", and mediated: "university - school (teacher, psychologist, sociologist, etc.) - family."

### **Conclusion**

All these digital tools provide consistent, dynamic, pedagogically predictable progress towards relatively new, creative in spirit, innovative educational results in the field of patriotism formation. To achieve the goal that ensures the formation of patriotism, taking into account the civil identity of the student, formed in the family, in our opinion, is possible through a set of tasks that are constantly transforming to meet the needs of society, society, and the state. Tasks should be organizational and methodological and cover at least the following areas:

1. Creation of a system of continuous build-up of professional and methodological skills of university teachers, students, teachers and parents in terms of increasing educational professionalism in the formation of patriotism among all students, including adolescent students.

2. Creation of an integrative single educational space in the "university - educational organization - family" system that meets modern, extremely high requirements for the structure, conditions and results of education, including digital tools of interactions that contribute to the formation of patriotism.

3. Increasing the creative activity of all participants in the holistic educational process, involving them in continuously improving, meaningfully constantly updated activities within the framework of a single educational space, provided with the life of the educational and educational ecosystem of the university and electronic and digital resources EIEE, etc.

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