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INTRODUCTION TO THE EDUCATIONAL PROCESS OF INDIVIDUAL EDUCATIONAL TRAJECTORIES AS ONE OF THE REQUIREMENTS OF THE CREDIT-MODULE SYSTEM

Khurshida O. Pardaeva

Senior lecturer

Jizzakh state Pedagogical Institute

Jizzakh, Uzbekistan

E-mail: pardaeva@gmail.com

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Abstract: The article points out the issues of introducing individual educational trajectories into the educational process as one of the requirements of the credit-module system in teaching biological disciplines. Since the modern transition to the credit module system, one of the urgent tasks is individualism of the content education, ensuring the flexibility of the educational trajectories with taking into account students' professional interests and desires.

INTRODUCTION

A credit-module system is – a model of organization of educational process, based on the unity modular learning technologies and ECTS credits, as units of measurement of the student's workload, necessary for the assimilation of content modules. According to the "Concept of development of the higher education system of the Republic of Uzbekistan until 2030", approved by the Decree of the President of the Republic of Uzbekistan dated October 8, 2019, 85% of the country's universities will gradually switch to a credit-module system. In the 2021-2022 academic years, lot of educational organizations have switched to a credit-module system. These universities have introduced the ECTS credit-module system.

MATERIALS AND METHODS

In the context of the modern transition to a credit-module system, the enhancement of individual educational programs for future teachers means scientific and practical importance. One of the crucial

task is individualization of the content of education, ensuring flexibility and variability of educational trajectories based on students' professional interests and desires.

A credit technology of education is – way of organizing educational process depended on students' opportunity to individual planning subsequent educational trajectories. The point of credit technology of education is that educational process is conducted in credits, characterized the volume of learning material. One of the prominent purposes of credit technology of education is to expand students' work.

The purposes of implementation of credit technology of education into learning process of universities are:

- Integration of the local education system into the international;
- Ensuring academic mobility of educational subjects;
- Unification of the volume of students' knowledge;
- Enhancing the role of independent work;
- Maximum individualization of learning process.

Due to some scientists, credit technology of education increases the level of self-education and creative learning based on individualization, selective educational trajectory within the framework of reclamation of the learning process. It allows more opportunities in learning process; students can choose more courses for self-study.

The implementation of credit technology of education has some financial problems: in order to accomplish this innovation to educational system it is necessary to ameliorate the material base, additional equipment such as computer classes. Today each university can afford this in Uzbekistan. Furthermore every student has to use their own mobile phone.

An individual educational trajectory is a personal way in which each student can realize his or her potential of education. There are some synonyms: "variable education", "individual educational route". By the way it differs from individual education, not only students determine by themselves, but also teachers participate in the formation of trajectory.

Decree of the President of the Republic of Uzbekistan Sh. M. Mirziyoyev in July 11, 2019 № PP-4391 "On measures to introduce new management principles into the system of higher and secondary special education" is based on the needs of the social sphere and economic sectors, and aims at ensuring sound integration of science, education and industry in order to improve the quality of education; produce competitive personnel, organize scientific and innovative activities effectively and develop international cooperation. [1]

The concept defines strategic goals, priority areas, tasks and stages of development of higher education in the Republic of Uzbekistan for the medium and long term and serves as the basis for the development of industry specific programs and a set of measures in this area.

It includes a phased transition of the educational process in higher education institutes to a credit module system, implementation the standards of higher education based on international experience, as well as a gradual transition from theoretical skills to practical ones. Today a credit module system is one of the best teaching practices used in educational process. A credit technology of education is one of the most perspective learning systems, as it helps to enhance students' cognitive and creative abilities.

In traditional method of education, the main goal of learning lays on pedagogical activity, focused on knowledge whilst in credit module training students focus on professional knowledge.

In an effort to join in ranks of developed countries, Uzbekistan, like the other industries of economy, adheres to a credit module training for the implementation advanced technologies into educational system, thus making the system like world standards.

RESULTS AND DISCUSSION

The educational system of higher education has always been a prominent object of public attention and main subject of discussion in mass media. Therefore the issues of educational process. By the way higher educational system is also faced with task of fulfilling its honorable duty in a changing the world and training competitive brave personnel who can stand for today's needs and requirements.

In this case, a credit module training is one the topical issues based on encouraging students to work active during the classes, improving the quality of education through the formation of independent works.

Improving students' creative abilities is also one main tasks of higher education. Nowadays it is not possible to imagine education without methodological technologies. Module – is a logically completed education material. The term 'module training' refers to the international concept, the meaning of which is a node, closely related elements capable of functioning.

Since the module is an independent component, in some areas it lets to listen list of modules, not the full lesson. It helps to plan optimally individual works.

The relevance of module approach means - the improvement of knowledge, skills and competencies utilizing advanced pedagogical technologies in educational process. As the result students will receive the following knowledge, abilities, skills:

- can describe advanced pedagogical technologies;
- be able to distinguish the elements of advanced pedagogical technology;
- use interactive methods during the classes;
- be able to analyze the advantages and disadvantages of traditional and interactive teaching methods.

By expansion of content, goals and tasks of education, its forms and methods also expand. Today, the main directions of human activity are turning into an integral system, technology which lets to fully achieve the goals of this sphere. In recent years pedagogical technologies have come up to this field.

In order to apply pedagogical technologies in educational process, it is necessary to create science-practical mechanism. It should be reminded that, the mechanism is not formed yet, which allows to collect new pedagogical technologies, educational innovations and allows to implement them in educational process.

The most pressing problem is implementation of educational standards into educational process. If this task will not be fulfilled, there would not be any solutions of the issues of achieving quality and efficiency in the field of education.

Based on above mentioned information, goals and task for biological science will be formed by government and public orders. The teacher of biological science will face on and fulfill following tasks:

- Spiritual and moral education of students during the educational process, development and implementation of effective forms and methods into educational work of biological science;
- Use of innovative and inform-communicative technologies in educational process of biological science;
- Accelerate of educational process with the help of a module training system;
- Ensuring the humanitarian orientation based on rich spiritual and intellectual heritage of the people and universal values;
- Development and implementation of new generation of program of methodical complexes and didactic support the process of education of biology;
- Introduce national ideas into the mind and heart of students during the process of education of biology and raise the level of ideological education in institutions;
- Ensuring the integrity of learners through the integration and improving legal economic, ecological and sanitary education;
- It is necessary to deepen teachers' worldview and knowledge

Therefore, students need new ameliorated textbooks, which includes all components of education. Integrated education (traditional, which is now being integrated with innovational technologies in educational process) serves as a basic systemic approach of education of biology. The basic systemic approach includes content of education, methods, funds and form of training as the pedagogical system of education.

Students learn that science of anatomy and human physiology is one of the main branches of biology, that the object of studying is living beings, studying the life process and their systems,

organs, tissues and cells, understanding their nature and mechanism, explaining the relationship between humans and animals.

The main direction of our educational politic is using advanced pedagogical and methodical technologies, including the Internet which shows foreign experience. After the independence of our country, majority professor and teachers of higher education have been trained in foreign countries such as Germany, Japan, Malaysia with the help of fond “Uchitel” (Teacher). Distant learning, master-classes, webinars, epistemological methods are being used in educational process of our country. The system of higher education includes such contents like electron portfolio, tutor-adviser, facilitator, moderator, a credit module system.

In the turn of XX and XXI centuries the development of innovative education has become a global problem. Today, we can see various of manifestations in different countries:

- 1) Ensuring the compatibility of the needs on enhancement of social practice of higher education graduates.
- 2) Setting of new tasks to higher education universities and complication organizational structure of management.
- 3) Increasing the interest of the subjects from educational process.

The main goal of innovative education is to instill a sense of responsibility for the future and self-confidence in students. A group of scientist led by Botkinov Yu. in the report to the Rim Club, characterized innovative education as a key type of knowledge acquisition as an alternative to the traditional “normative” education. Whilst normative education is “aimed at mastering the rules behavior in repetitive situations”, innovative education involves the development of the ability to act together in new situations.

Nowadays, the following innovations and educational technologies are used in all developed countries, such as work in small groups, academic brainstorming method, role-plays, blitz questioning, FSMU technology, method of oral or written language, discussion, case method, Bloom’s taxonomy, intellect cards etc.

CONCLUSION

Reformation of educational process in one of priorities of Uzbekistan. This in turn requires our specialists to upgrade textbooks fulfilling by modern technologies and latest achievements in science.

The rapid enhancement of educational and economical industry creates a fundament for changes in social relations. Much attention is paid to technological and educational researches. The man, his achievements, well being, creating the chance and effective mechanisms in realization individual desires, changing his own principle and thinking skills are considered as main goals of reformation of our republic. The prominent condition of development in Uzbekistan is formation advanced system

of preparing staff based on rich intellect people, values, modern culture, economy, science, technology.

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