

Credit-Module System is an Advanced Experience of Modern Education

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Annotation: In this article, the Cabinet of Ministers of the Republic of Uzbekistan dated 31.12.2020. 824, based on this decision, the regulation on the procedure for introducing the credit-module system into the educational process in higher education institutions and the main concepts in it, the orientation of the credit- module system to independent education and educational provides information about the important features and advantages of the process.

Keywords: credit module, curriculum, independent education, organizational issue, formula, study load, unit of measurement, education, trajectory, responsibility, specialty, requirement, competence.

The decision of the Cabinet of Ministers of the Republic of Uzbekistan No. 824 of December 31, 2020 on "Measures to improve the system related to the organization of the educational process in higher education institutions" was adopted.[1]

Based on this decision, a regulation was developed on "The procedure for introducing the credit-module system into the educational process in higher education institutions." According to Chapter 1 of the Regulation, the procedure for introducing the credit-module system of education based on the European Credit Transfer and Accumulation System (ECTS) for the educational process in family educational institutions was determined.

While the gradual introduction of the credit-module system into the educational process in higher education institutions is specified separately in this Regulation, information on the organizational issues of the introduction of the credit-module system into the educational process, including Education program, catalog of subjects, documents related to ensuring academic mobility, recognition and transfer of credits and forms of diploma application, as well as indicators for determining the student's level of knowledge during academic mobility and samples of other necessary documents It is noted that it will be developed and approved by the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan together with the Higher Education Council of the Republic. This, in turn, indicates that the professors of the Higher Education Councils are entrusted with a very responsible task.

The following basic concepts are used in this Regulation:

GPA (Grade Point Average) is the average value of the student's points for the program, which is calculated using the following formula:

$$\text{GPA} = \frac{K_1 * U_1 + K_2 * U_2 + K_3 * U_3 \dots + K_n * U_n}{K_1 + K_2 + K_3 \dots + K_n}$$

, where:

K – amount of credits allocated to each subject/module;

U is the student's grade for each subject/module;

academic mobility - the going of students of a higher education institution for the purpose of studying to another higher education institution in the territory of the republic or abroad for a certain period of time;

mobility program - an academic mobility program established on the basis of an agreement on mutual education between two or more higher education institutions;

Credit is a unit of measurement of the educational load mastered by a student in a specific subject according to the results of education. Loans can be expressed in whole, fractional numbers according to the rule;

higher education institution - an institution that issues a document on education and qualifications, taking into account the recognition of a specified number of credits;

credit accumulation — accumulation of credit units provided as a result of mastering educational elements and achieving other achievements;

student's personal educational trajectory is a direction (route) chosen by the student and which gives him the opportunity to sequentially accumulate knowledge and acquire the desired set of competencies. The educational trajectory is created with the help of institutional documents and guidelines, and different educational trajectories can lead to the same qualification;

educational program - the main characteristics of education (volume, content, planned results), organizational and pedagogical conditions, science programs intended for the implementation of the educational process in the field of bachelor's education or master's specialty general requirements, as well as a set of information-resources and educational-methodical instructions necessary for the organization and implementation of education;

educational program catalog — description of the higher education institution, access to the credit-module system, available bachelor's and master's majors, services and resources, academic programs, descriptions of specific educational program elements information about;

study load - necessary to achieve the expected educational results based on the implementation of all types of educational activities by the student - lecture, practical training, seminar, laboratory work, course project (work), practice and independent work the volume of hours;[2]

The question arises, why is the higher education system of Uzbekistan moving to this credit-module system?

The study and analysis of the credit education system shows that it has its own characteristics in different countries of the world. Nevertheless, the effectiveness and appropriateness of the credit education system is based on the fact that it is more widespread in the educational systems of many countries of the world, because the focus of educational programs on the development of independent work skills in students is the result of creative activity and learning. It allows to mobilize oneself and ultimately increase the quality of education.[3]

Independent education has a special place in the preparation of competent, competitive specialists who can meet the requirements of the time, because nowadays, when the scope of information and knowledge is developing rapidly, not all information can be given only in classes. .

The ability to think independently, which is necessary to come to a specific solution to the given problems and tasks and to choose its optimal option, is formed and strengthened in the process of independent creative work.

Pedagogical aspects of ensuring the independent work of higher education students not only solve didactic issues, but also serve to develop personal qualities of students, increase their motivation to work independently, and form general learning skills and practical experience. In the current educational system, a lot of attention is paid to audience assignments, but independent types of work have not yet become popular. In the credit system, first of all, serious attention is paid to the independent work of the student.[4]

German pedagogue Friedrich Disterweg said, "Development and education cannot be given or delivered to any person. Everyone should achieve this by personal activity. "Knowledge and skills are not considered his until they are acquired independently," he says, emphasizing the advantage of independent education.[5]

Doctors of science Muhammad Hasan, Muhammad Parvez: in their scientific research on the positive aspects of the credit system, they noted the following: Positive aspects of the credit system based on choice: - It is a great shift from teacher-centered to student-centered education. can be seen as;

How many credits can students take to cope with exam pressure; - It allows students to choose a variety of inter-curricular subjects with the main subjects; - It helps students move from one institution to another; - He emphasized that through the credit system it is possible to develop all-round development of students or multifaceted personality of students. [6]

The credit-module system is the most advanced and most widespread method of education management in the world.

The credit-module system brings 3 main features to higher education.

1. Transparency;
2. Pragmatism;
3. Student-oriented.

The introduction of the credit-module system is closely related to these 3 features. If a system is organized on the basis of a credit module in higher education, but. If the above 3 main features are not allowed to work in practice, the credit module will not be fully effective. [7]

In conclusion, it can be said that the transition of the system of higher education institutions of our country to the credit-module system does not consist in the distribution of a certain number of credits by year, semester and subjects. If the credit-module system is properly and fully implemented, it will bring great positive features to the higher education system of our country. Including; The introduction of a world-recognized perfect measurement unit in the higher education system, the emergence of balance and standards in higher education curricula, the transparency of the study process, each student's independent study helps to have a program, to form educational programs based on the needs of the economy, labor market and requirements.

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