

## **Organization Of Independent Educational Activities Of Students In The Course Of The Credit-Module System**

*Nematov Ulugbek Mukhtarjonovich*

*Doctor of Technical Sciences, Associate Professor of  
Andijan Institute of Agriculture and Agrotechnologies*

*Uzbekistan, Andijan*

*E-mail: [egamberdiyevoybek60@gmail.com](mailto:egamberdiyevoybek60@gmail.com)*

**Annotation.** This article is about the educational reform implemented in Uzbekistan, the organization of the educational process based on the credit-module system, the specific features of independent education in the credit-module system, the content of independent education, forms, methods and tools of independent education, evaluation of independent education of students. system, students' self-development, independent learning and acquisition of competences that allow for the formation of innovative activities are highlighted.

**Key words.** educational system, educational reform, credit-module system, independent education, forms, methods, means of organizing independent education, audience, independent education outside the audience, evaluation system and criteria.

**Introduction.** In recent years in our country, under the leadership of our honorable president, new horizons of conditions have been opened for young people to reach the heights of science, to show and develop their intelligence, creative potential and strength. In this regard, the Government of the Republic has adopted a number of normative documents in recent years. In particular, the Law of the Republic of Uzbekistan "On Education" [1], the Law of the Republic of Uzbekistan "On Innovative Activity" [2], the new development strategy of

Uzbekistan for 2022-2026. Decree No. PF-60 of the President of the Republic of Uzbekistan dated January 28, 2022 [3], Decree No. PF-4947 of the President of the Republic of Uzbekistan dated February 7, 2017 "On the Strategy of Actions for the Further Development of the Republic of Uzbekistan" [4], Decree of the President of the Republic of Uzbekistan "Uzbekistan Decree No. PF-5847 "On approving the concept of development of the higher education system of the Republic of Uzbekistan until 2030" [5], Decision No. PQ-2909 of the President of the Republic of Uzbekistan "On measures to further develop the system of higher education" [6], Resolution PQ-3151 [7] of the President of the Republic of Uzbekistan "On measures to further expand the participation of economic sectors and sectors in improving the quality of training of highly educated specialists" additional measures to ensure Resolution No. PQ-3775 [8], Resolution No. PQ-4795 of the President of the Republic of Uzbekistan "On Measures to Further Improve the Agrarian Education System" [9], Decree of the Cabinet of Ministers of the Republic of Uzbekistan dated December 31, 2020 "In Higher Education Institutions Decision No. 824 [10] on measures to improve the system related to the organization of the educational process [10] is of particular importance. These documents serve to open the door to a number of opportunities for today's learner.

Today, many people envy young people who use these opportunities effectively. In the field of education, as a result of the ongoing reforms, the coverage of graduates in higher education has increased by almost 3.5 times, new higher education institutions have been opened, and more opportunities have been created for young people. It should be said that in recent years, many legal and regulatory documents have been adopted in the field of education, and it is no exaggeration to say that all of these have created a foundation for the development of the educational system of Uzbekistan.

In order to ensure the quality and efficiency of education, the credit-module system was introduced into educational processes based on the Decision No. 824

of the Cabinet of Ministers of the Republic of Uzbekistan dated December 31, 2020 "On measures to improve the system related to the organization of the educational process in higher education institutions" [10]. Based on this decision, all state higher education institutions of the Republic are organizing the educational process based on the credit-module system.

As we all know, organizing students' independent educational activities in the credit-module system is one of the main tasks. Today, on the basis of an innovative approach, mechanisms for organizing students' independent educational activities are being developed and put into practice. [11, 12].

The student's independent learning load is specific in the curriculum an integral part of the educational work prescribed for mastering the subject means a set of educational works performed in the classroom and outside the classroom (without taking into account the classroom hours allocated in the curriculum) directly under the guidance of the teacher or the student's independent study of topics in the subject (module).

Independent education - independent learning of educational material, tasks of varying complexity, practical tasks creative and independent performance in the audience and outside the audience to form theoretical knowledge, practical skills and qualifications is a focused systematic activity. Independent work - teacher's assignment and an active method of education that solves the educational task under the leadership.

Independent work is specific to students in connection with the set goal organization and implementation of activities. The student is independent his work is characterized by high level of activity, creativity, independent analysis, initiative and complete all tasks in a timely and perfect manner is a performance-based activity [13]. So, what forms and types of independent education are practiced today?

Independent education of students is organized in the following types It is considered appropriate to: prepare for audience training; performing independent work tasks outside the audience; to read and study the subjects of science (module) independently in Information-resource centers, houses (student residences).

Preparation for audience training is as follows is carried out in the following forms: preparation for lectures, seminars and practical trainings; preparation for seminars-conferences; preparation for colloquiums; answering frequently asked questions (FAQ-frequently asked questions) with the help of educational programs; participation in forums - exchange of ideas on scientific topics on telegram channels or distance education platforms; web-quest – strengthening knowledge of the subject (module) by practicing in teacher test programs; preparation for control work; preparing for the test (zachyot); exam preparation.

It is recommended to carry out independent work outside the audience in the following ways: writing a personal opinion on a current topic in critical, journalistic and other genres (for example, an essay); preparation of lectures; writing a term paper; write a synopsis; creating a glossary; creating an individual and collective educational project; completing case assignments; creating thematic portfolios; work with information and analytical materials; working with resources; making infographics; creation of graphical models (intelligence card, frame, logical graph, etc.); creating multimedia presentations; preparation of methodological developments of lessons; preparation of extracurricular activities.

*It is also recommended to use information technology for the following purposes in organizing independent work:*

1. Searching for information on the network - using a web browser, database, information search, information and reference systems, automated library systems, electronic journals. Freelance work on information seeking and processing includes: writing reviews for sites related to the topic; analysis of existing abstracts on a certain topic, their assessment; write your own version of

the lecture plan or a certain part of it; making a list of used literature; preparation of tapes from practical training; preparing a lecture on the topic; conducting a discussion on the topic; work on a web quest prepared by a professor or found on the net.

3. Creation of a thematic web page, web quest (assignment) - use of html editor, web browser, graphic editors. The following methods can be used to create a thematic web page, web-quest (assignment): posting of works done by students on the site; publishing a list of literature on the topic; creation of thematic web pages on individual and small group work; create web quests to work on the topic and post them on the course website.

At the moment, we will consider students in the Andijan Institute of Agriculture and Agro-Technology as an example of the subject "Management Psychology" in the organization of independent educational activities of students.

The subject "Management psychology" is a 4-credit subject based on the curriculum of the educational programs, which consists of 30 hours of lectures, 30 hours of practical training, and 30 hours of independent study. The independent study of students in this subject is approved by the decision of the Cabinet of Ministers of the Republic of Uzbekistan dated December 31, 2020 No. 824 "On measures to improve the system related to the organization of the educational process in higher education institutions" "Credit module system for the educational process in higher education institutions" "Regulation on the procedure for introduction", "Instructions" on "Organization of the educational process based on the credit-module system at the Andijan Institute of Agriculture and Agro-Technology" and the subject syllabus (working curriculum) developed for this subject.

The evaluation of the results of independent education is reflected in the general evaluation system (100 points) of the subject (module) and the points

assigned to it are clearly indicated in the evaluation criteria of the subject program (Syllabus) [22].

Students' knowledge of science is based on the following criteria:

- the student makes independent conclusions and decisions, can think creatively, observes independently, can apply the acquired knowledge in practice, understands, knows, can express the essence of the science (topic), and when he is considered to have an idea about the science (topic) - 5 (excellent) ) grade;

- the student observes independently, is able to apply the acquired knowledge in practice, understands the essence of the subject (topic), knows, can express it, and when he is considered to have an idea about the subject (topic) - 4 (good) grade;

- when the student is able to apply the acquired knowledge in practice, understands the essence of the science (topic), knows, can express, tell, and has an idea about the science (topic) - 3 (satisfactory) grade;

- when it is found that the student has not mastered the science program, does not understand the essence of the science (subject) and has no idea about the science (subject), he is evaluated with a grade of 2 (unsatisfactory).

1.2 of the 4 credits allocated to science are allocated to independent study, which is distributed as follows.

Table 1

### Assessment system for independent learning in science

№	The content of the tasks to be performed	The maximum amount of credits allocated to assignments		Deadline for tasks
		Credit	Maximum score	
<b>Independent education</b>				
1.	Doing practical work	0.1	2.5	2- week
2.	Writing theses and articles	0.1	2.5	4- week
3.	Conducting surveys and interviews	0.1	2.5	6- week
4.	Communicating with managers of	0.1	2.5	8- week

	enterprises and organizations			
5.	Preparation of proposals and recommendations for conflict prevention in the team)	0.1	2.5	9- week
6.	Solving situational (problematic) tasks (case-stage).	0.2	5	10- week
7.	Making videos	0.2	5	12- week
8.	Preparation of presentations	0.1	2.5	13- week
9.	Carrying out project work in accordance with the content of science	0.2	5	14- week
	<b>Total</b>	<b>1.2</b>	<b>30</b>	

In conclusion, it should be noted that as a result of the organization of independent educational activities of students, the skills of strengthening, enriching, improving practical skills and qualifications, working with information, self-development, cognitive, creative, cooperative work competences are formed. Also, independent educational activities are carried out in connection with the goal of acquiring competencies that allow students to develop themselves, gain independent knowledge and create innovative activities, a creative person who is able to independently acquire knowledge, skills and abilities, formulate a problem and find optimal ways to solve it. is brought up, students are motivated to learn the curriculum, teachers' responsibility for learning increases, students have the opportunity to develop general cultural and professional competences, conditions are created for learners to acquire independent knowledge, self-management and self-development. This, in turn, serves to prepare competitive personnel, as well as the above-mentioned regulatory legal documents, of course, to form students' skills for independent work, scientific outlook, and scientific observation.

#### Used literature

1. Law of the Republic of Uzbekistan "On Education". September 23, 2020. ORQ-637 <https://lex.uz/docs/5013007>
2. Law of the Republic of Uzbekistan "On Innovative Activities". O'RQ-630

number. <https://lex.uz/>

3. Development strategy of new Uzbekistan for 2022-2026. Appendix 1 to the Decree of the President of the Republic of Uzbekistan No. PF-60 of January 28, 2022. <https://lex.uz/>

4. Decree of the President of the Republic of Uzbekistan dated February 7, 2017 No. PF-4947 "On the Strategy of Actions for Further Development of the Republic of Uzbekistan". <https://lex.uz/docs/3107036>

5. Decree of the President of the Republic of Uzbekistan "On approval of the concept of development of the higher education system of the Republic of Uzbekistan until 2030" No. PF-5847. <https://lex.uz/>

6. Decision PQ-2909 of the President of the Republic of Uzbekistan "On measures to further develop the higher education system". <https://lex.uz/>

7. Decision PQ-3151 of the President of the Republic of Uzbekistan "On measures to further expand the participation of economic sectors and sectors in improving the quality of training of highly educated specialists". <https://lex.uz/>

8. Decision PQ-3775 of the President of the Republic of Uzbekistan "On additional measures to improve the quality of education in higher education institutions and ensure their active participation in comprehensive reforms implemented in the country". <https://lex.uz/>

9. Decision PQ-4795 of the President of the Republic of Uzbekistan "On measures to further improve the agricultural education system". <https://lex.uz/>

10. Resolution No. 824 of the Cabinet of Ministers of the Republic of Uzbekistan dated December 31, 2020 "On measures to improve the system related to the organization of the educational process in higher education institutions"

11. I.G.Mamajonov. Improving the preparation of students for professional innovative activities. 13.00.01 – Pedagogical theory. History of pedagogical teachings. Dissertation submitted for the degree of Doctor of Philosophy (PhD) in Pedagogical Sciences. -T: ТДПУ, 2021, 151 б.



12. I.G.Mamajonov. Improving the preparation of students for professional innovative activities. 13.00.01 – Pedagogical theory. History of pedagogical teachings. Dissertation abstract submitted for the degree of Doctor of Philosophy (PhD) in Pedagogical Sciences. T: ТДИУ, 2021, 46 б.

13. B. Usmanov, R. Khabibullaev. Organization of the educational process in higher educational institutions in the credit-module system. -T: Thinking. 2020 й. 133 б.

14. И.Г.Мамажанов. Подготовка преподавателей-экономистов в условиях современной рыночной экономики. Вестник университета Российской академии образования.№3/2011. Ст. 89-92

15. Мамажанов И. Иқтисодий таълимда инновацион ва ахборот коммуникацион технологияларидан фойдаланишнинг долзарб масалалари. // Иқтисодиёт ва инновацион технологиялар. Илмий электрон журнал. 2020. - №4. –Б. 230-242.

16. Mamajanov I. Innovation and innovative activity in education. // Economy and innovative technologies. Scientific electronic journal. 2020.№6. – Б. 119-124. <http://iqtisodiyot.tsue.uz/>

17. I. Mamajonov. Ensuring the integration of continuous education, science and production in the training of personnel for the agricultural sector. A collection of articles of the international scientific and technical conference on the topic "Effective use of resource-saving innovative technologies in the prospective development of the agricultural sector" - Andijan, 2019., 310–314 б.

18. I. Mamajonov. Legal-normative basis of training of economists: analysis, opinion. //Economy and innovative technologies. Scientific electronic magazine, issue 3 of 2020. 138–146 б.

19. Mamajanov I.G. The process of training future economists of Uzbekistan. Scientific electronic journal "Uzbekistan statistics bulletin" of the

Institute of personnel training and statistical research under the State Statistics Committee of the Republic of Uzbekistan. 2020, issue 3. <http://www.statmirror.uz>

20. Mamajanov I.G. Preparing students for innovative activities. // Scientific Journal of Psychology, 2020, №1., 76-81 б.

21. Mamajanov I. Innovation and innovative activities in education. // CURRENT RESEARCH JOURNAL OF PEDAGOGICS. Journal CrossRef Doi (10.37547/crjp).Impact factor: SJIF 2021:5.714. <https://masterjournals.com/>

22. Мамажанов И. Кредит-модултизимижараёнидоталабаларнинг мустақил ўқув фаолиятини ташкил этиш. Рақамли иқтисодиёт шароитида олий таълимни трансформацияси. Республика илмий амалий анжуман. -Т:ТДИУ, 2022, 367 б.