



THE EFFECTIVENESS OF PREPARING FUTURE TEACHERS TO DEVELOP NATIONAL AND UNIVERSAL CULTURAL COMPETENCIES IN STUDENTS

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Annotation: this article discusses the organization and outcomes of experimental work aimed at preparing future teachers to develop national and universal cultural competencies in students. The study highlights the significance of consistent, interconnected educational materials tailored to the capabilities of prospective teachers. Key directions include promoting theoretical and practical knowledge, revising educational programs, and integrating international research findings on education quality. The research outcomes informed the development of improved methodological resources and recommendations, which were tested and implemented in practice to enhance teacher preparation processes.

Keywords: future teachers, national competencies, universal cultural competencies, teacher preparation, education quality, methodological resources, experimental study, pedagogical research.

One of the leading trends in educational reforms today is the humanization of education, which is increasingly evolving to align with the expected outcomes of training specialists in the modern socio-cultural context. Given the current demands, traditional teaching methods—such as delivering lectures followed by consolidating materials in seminars—are becoming ineffective. This approach fails to meet the requirements of competency-based education, does not fully address the issues at hand, and does not align with the task of forming national and universal cultural competencies.

For these reasons, there is a growing need to reconsider the organizational forms of the educational process by increasing the proportion of students' independent, individual, and group work, expanding the scope of practical research and investigative activities, and conducting more extensive extracurricular work.

Experimental work was conducted to test the scientific conclusions formed from the study of scientific-theoretical and practical-pedagogical sources related to the research problem, as well as the results of observations in practice, and to evaluate the effectiveness of the scientific ideas proposed in the research under experimental conditions.

As a result of the pedagogical experimental work carried out, the comparative effectiveness of improved content, methodology, organizational forms, teaching methods, and tools for preparing future teachers to develop national and universal cultural competencies in students was identified based on the study of causal relationships. Methodological recommendations were developed regarding the volume and content of educational information that should be mastered under educational technologies, as well as the forms of its presentation.

During the experimental work, the following were also achieved: the pedagogical potential for preparing future teachers to develop national and universal cultural competencies in students was examined; the practical significance of the theoretical results obtained during the research was studied and evaluated; the specially organized educational activities for the experiment were observed, analyzed, and any shortcomings were identified and addressed. The process of preparing future teachers to develop national and universal cultural competencies in students was further enhanced based on the methodological recommendations developed from the scientific findings of the research.

During the experimental process, the following key tasks were identified and implemented to achieve the

objectives: defining the content of experimental work and preparing corresponding didactic complexes: tests were conducted on control and experimental groups to evaluate the readiness of future teachers to develop national and universal cultural competencies in students.

Educational materials presented in existing literature were analyzed in terms of content and volume.

Didactic aspects that ensure the effectiveness of educational information provided to students were identified and substantiated.

Methodological collaboration with professors and teachers involved in the experiment:

A survey was organized to study the theoretical knowledge of students regarding national and universal cultural competencies.

Information about the methods, educational materials, and didactic recommendations used in the teaching process to foster these competencies was disseminated.

Opinions on improving qualification requirements, educational programs, and textbooks aimed at preparing future teachers were collected and generalized.

Developing methodological support: theoretical knowledge and practical skills were further enriched to support the development of national and universal cultural competencies among future teachers.

Establishing a methodology for the practical application of materials: tasks were outlined to create a methodology for effectively using educational materials in practice.

Assessing the effectiveness of developed materials and methodologies: evaluation criteria were determined to measure the competencies of future teachers in fostering national and universal cultural competencies.

Statistical analysis and validation of results: the results of the experimental work were analyzed using mathematical statistical methods. The effectiveness and validity of the proposed ideas and research content were confirmed, leading to conclusions and recommendations.

For the development of the experimental methodology, lessons were observed, interviews and surveys were conducted with respondents, and advanced pedagogical experiences were studied. Experimental materials were tested in practical lessons. Tasks designed for developing national and universal cultural competencies in students were utilized.

The content of educational materials was enriched using various types and formats of data characteristic of this research. The integration, simulation, and interpretation of diverse data types were controlled to ensure effective learning.

At the conclusion of the study, the dynamics of future teachers' readiness to develop national and universal cultural competencies in students were demonstrated. Additionally, the validity of the scientific hypotheses proposed in the experimental work was confirmed.

In organizing the experimental work, special attention was given to consistency, continuity, and the interconnection of the information to be studied. The applicability of the educational materials being explored within the scope of the experiment, as well as their alignment with the capabilities of future teachers, was determined through practical implementation. This research activity was conducted in the following directions:

Promoting theoretical and practical knowledge: educational programs in various disciplines foundational to preparing future teachers to develop national and universal cultural competencies in students were studied at Fergana State University, Gulistan State University, and Bukhara State University.

Recommendations and didactic possibilities developed based on the results of international research in the field of education quality assessment were disseminated.

General preparatory work was carried out for the effective implementation of developed educational and methodological support.

Organizing short-term training courses: based on the results of the research, a revised educational program and textbook for the subject "General Pedagogy" for second-year students were developed, incorporating methodological recommendations derived from international research on education quality assessment.

Methodological recommendations for utilizing assignments aimed at preparing future teachers to foster national and universal cultural competencies in students were presented and tested in practice.

In this process, the materials of the experimental program prepared for future teachers, as well as the developed and improved methodological support, were mastered and implemented in practice. The goal was to prepare future teachers for the integration and application of these resources in practice, with these stages

forming the basis of the work.

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