

Historical and demographic materials as means of professional training of historians students

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Abstract. Historical and demographic materials locate in article as means of professional training of historians students. Process of professional training of historians students during the studying the historical and demographic materials which essence consists in mastering professional competences of future teacher of the history, necessary for professional activity locates. Professional readiness of students from a position of formation of knowledge on historical and demographic materials locates, an ability to use this historical and demographic knowledge in professional activity of future teacher of history for the solution of problems of historical education. The Model of professional training of historians students means of historical and demographic materials and pedagogical conditions of its effective realization locates in modern conditions of training of historians students to professional activity in pedagogical higher education institution.

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Introduction

Important component of system of demographic sciences is the historical and demographic materials, allowing to study historical prerequisites, regularities and nature of development of the population, interrelation of a way of production and demographic processes. As means of professional training of historians students historical and demographic materials help to investigate history of development of the population of the world, certain continents, regions and the countries, defining students to historians real historical value of intensity of social, natural and territorial mobility of the population at various socioeconomic structures. Historians students of demographic characteristics of participants of historical process the sense of many historic facts allows to understand knowledge, supply with the valuable information on stories of economic development of the states, open background of the international relations. Sometimes historical and demographic materials help historians students to look in a new way at known historical events.

In researches Jacqueline Swansinger [1, p.87], Josef Ehmer, Jens Ehrhardt, Martin Kohli [2, p.65], Douglas W. Vick [3, p.163], Nash I, Gary B. [4, p.102], Sakenov, D. Zh. [5, p.1431], Gavrilova N.S., Gavrilov L.A. [6, p.109], Gavrilov L.A., Gavrilova N.S. [7, p.329], Uhlenberg P. [8, p.113], Paul Demeny and Geoffrey McNicoll [9, p.32], Michael R. Matthews [10, p.67], Peter N. Stearns, Peters Seixas, Sam Wineburg [11, p.6] devoted to the higher pedagogical education, today it is paid much attention to questions of formation of competence, mobility, adaptability, competitiveness of the modern teacher of history both at a preparation stage in

higher education institution, and in the course of professional activity as the teacher of history. Various approaches to creation of educational process are offered, conditions and the factors having impact on development of systems of professional training of the expert in the field of historical education are defined, models of educational and methodical systems are projected, conditions of efficiency and efficiency of their functioning come to light.

However it is thus noted that process of adaptation of future teacher of history becomes complicated and the gap between results of development by students historians of an educational program in history at school in pedagogical higher education institution and opportunities of successful inclusion in professional activity of the beginning teacher of history in the conditions of modern education is more clearly observed.

We believe that one of the reasons promoting creation of current situation, insufficient level of understanding and judgment students historians of competences, in the course of professional training of future teacher of history in pedagogical higher education institution, interrelation of the maintenance of historical and demographic materials as means of professional training with features of the environment in which students to historians should carry out the professional activity is. Students historians have to seize the following professional competences:

- educational competences: to own professional activity, to project the professional development; to project and organize historical educational process; it is rational to use historical and

demographic, pedagogical and information technologies.

- research competences: to observe, analyze, project and predict educational process; to own methods of historical and demographic knowledge; to introduce results of historical and demographic research in the professional activity.

- administrative competences: to plan, control, operate educational, educational process on stories.

- social competences: to maintain the relations in the professional environment.

The analysis of researches of Jacqueline Swansinger [1, p.87], Josef Ehmer, Jens Ehrhardt, Martin Kohli [2, p.65], Nash I, Gary B. [4, p.102], Sakenov, D. Zh. [5, p.1431], Gavrilov L.A., Gavrilova N.S. [7, p.329], Uhlenberg P. [8, p.113], Paul Demeny and Geoffrey McNicoll [9, p.32] on problems of professional training of students in higher education institution showed that this process is characterized by insufficiency of research of a role of historical and demographic materials as means of professional training of students historians in higher education institution. In our opinion, professional training of students historians when studying historical and demographic materials is a process of mastering by historical and demographic knowledge and the competences necessary for professional activity of the expert, future teacher of history. In this context, professional readiness of students historians is understood how competence to use historical and demographic knowledge in educational activity for the solution of problems of the training and bringing-up character considering specifics of specialty history at school, motivation to the solution of professional problems of historical education.

The purpose of our research is justification of professional training of students historians by means of historical and demographic materials.

Methods

For the solution of the set objectives and verification of initial assumptions the following research methods were used: theoretical - analysis of the studied problem in scientific literature, empirical - observation, conversations, questioning, discussions, interviewing, analysis of the best pedagogical practices, analysis of creative works of students, studying of high school documentation (state standards of education, curricula, standard programs, educational-methodical complexes of elective disciplines) experiments, modeling.

Main part

For justification of professional training of students historians by means of historical and

demographic materials, we need to develop Model of professional training of students historians means of historical and demographic materials and pedagogical conditions of its effective realization in modern conditions of training of students historians to professional activity in pedagogical higher education institution. So, professional training of students historians during studying historical and demographic materials is a process of mastering by historical and demographic knowledge and the competences necessary for professional activity of the expert, future teacher of history.

We agree with researchers of historical education that today, in system of high school historical education dominates purely reproductive educational training in historical disciplines, including historical and demographic materials, and also not qualitative interrelation with profile historical disciplines [3; 4; 5]. Students historians can't use further consciously possibility of historical and demographic materials, such as demographic characteristics of participants of historical process who allow to understand sense of many historic facts, supply with the valuable information on stories of economic development of the states, open background of the international relations. Understanding of essence of historical and demographic materials help students to historians to look in a new way at known historical events for the complete solution of professional problems of historical education. On the basis of the carried-out analysis of works of Jacqueline Swansinger [1, p.87], Josef Ehmer, Jens Ehrhardt, Martin Kohli [2, p.65], Douglas W. Vick [3, p.163], Nash I, Gary B. [4, p.102], Sakenov, D. Zh. [5, p.1431], Gavrilova N.S., Gavrilov L.A. [6, p.109], Gavrilov L.A., Gavrilova N.S. [7, p.329], Uhlenberg P. [8, p.113], Paul Demeny and Geoffrey McNicoll [9, p.32], Michael R. Matthews [10, p.67], Peter N. Stearns, Peters Seixas, Sam Wineburg [11, p.6], Dronova N.V. [12, p.118], Zilversmit A. [13, p.83] we offer option of professional training of students historians means of studying of the historical and demographic materials which Model is presented in fig. 1.

To Models of professional training of students historians means of historical and demographic materials presented the purpose: professional training of students historians by means of historical and demographic materials;

criterion of professional training of students historians means of historical and demographic materials: readiness of students historians to professional activity;

indicators of results of professional training of students historians means of historical and demographic materials:

- educational competences: to own professional activity, to project the professional development; to project and organize historical educational process; it is rational to use historical and demographic, pedagogical and information technologies.

- research competences: to observe, analyze, project and predict educational process; to own methods of historical and demographic knowledge; to introduce results of historical and demographic research in the professional activity.

- administrative competences: to plan, control, operate educational, educational process on stories.

- social competences: to maintain the relations in the professional environment;

professional standards of students historians means of historical and demographic materials: high, average, low.

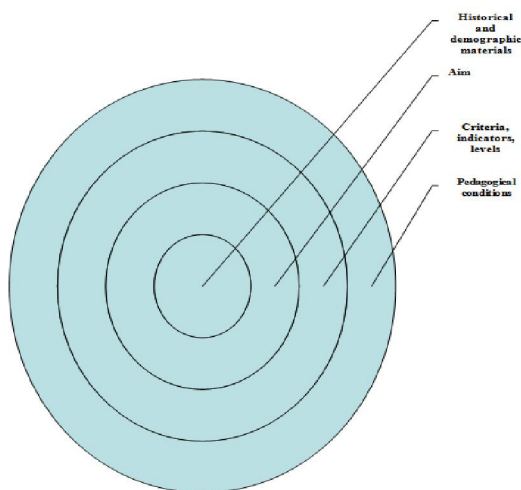


Figure 1. Model of professional training of students historians means of historical and demographic materials

Means of historical and demographic materials we understand realization of a complex of technological procedures which includes historical and demographic diagnostics, application of technology of historical and demographic design activity, motivation and involvement of students historians to design activity on historical and demographic materials as pedagogical conditions of professional training of students historians that in turn increases efficiency of professional training of students historians in pedagogical higher education institution.

In the course of stating experiment problems of diagnostics of a real professional standard of students historians by means of historical and

demographic materials in control (CG) and experimental (EG) groups, identification of opinion of students about motives of studying of historical and demographic materials, definition of level of informative activity, identification of degree of formation of competence were solved.

Carrying out a stating stage of experiment allowed us to draw a conclusion on lack of essential distinctions between students of control and experimental groups on the allocated indicators of professional training of students historians means funds of historical and demographic materials for the beginning of carrying out forming experiment.

Check in practice of Model of professional training of students historians by means of historical and demographic materials and efficiency of the developed pedagogical conditions where it should be noted the special importance of indicators of professional training of students historians means of historical and demographic materials as created competences are realized as much as possible by unity of training, bringing-up and developing functions of process of professional training of students historians became the purpose of carrying out forming experiment and possess, therefore, rather high potential for increase of efficiency of professional training of students historians by means of historical and demographic materials.

Change of character of the organization of educational activity of the last due to realization of pedagogical conditions of professional training of students historians by means of historical and demographic materials became essential distinction between control (CG) and experimental (EG) groups.

The statistical analysis of the data obtained as a result of experiment, gave mathematical confirmation of the importance of pedagogical conditions of professional training of students historians by means of historical and demographic materials. As showed the comparative analysis of values for each of the studied indicators, pedagogical conditions have the greatest impact on efficiency of professional training of students historians means of historical and demographic materials as a whole (table 1).

The data provided in table 1, show that after the organization of experimental work in experimental group are observed dynamics of high and average levels of efficiency of professional training of students historians by means of historical and demographic materials that confirms efficiency of the made pedagogical experiment.

Control diagnostics of a professional standard of students historians by means of historical and demographic materials was carried out with use of the test monitoring system which allowed to reveal

steady increases of a professional standard of students historians by means of historical and demographic materials to what results of check experiment in experimental (EG) and control (CG) groups before experiment (fig. 2) testify.

Table 1. Dynamics of efficiency of professional training of students historians means of historical and demographic materials (in %)

Levels of efficiency	Group	Before experiment %	After experiment %
Low	C	23	22
	A	24	3
Average	C	47	48
	A	46	47
High	C	30	30
	A	30	50

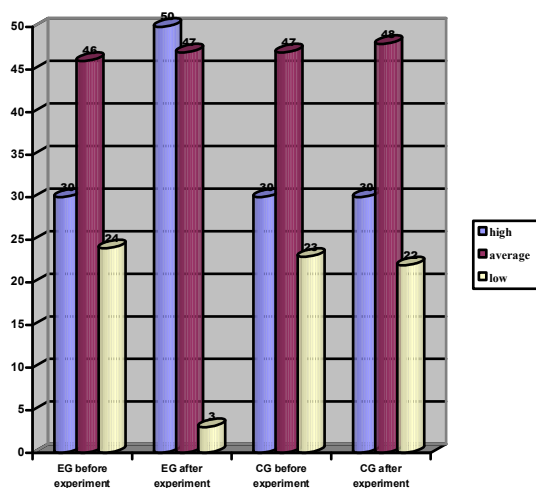


Figure 2. Diagnostics of a professional standard of students historians by means of historical and demographic materials

The comprehensive analysis and processing of results of experiment revealed that in experimental groups the number of students historians with a high professional standard means of historical and demographic materials after experiment increased by 20%, number of the students who have reached the average level of professional training by means of historical and demographic materials – for 2%, the number of the students having a low professional standard by means of historical and demographic materials – decreased by 21%.

Results of experiment in control groups testify to increase in number of students historians with a high professional standard funds of historical and demographic materials for 0%, average a professional standard means of historical and demographic materials – for 1%, reduction of a low

professional standard by means of historical and demographic materials by 1%.

The obtained experimental data confirm efficiency of the developed Model of professional training of students historians with means of historical and demographic materials and the conditions of professional training of students historians put in Model means of historical and demographic materials.

Conclusions and recommendations

Thus, as a result of the conducted research historical and demographic materials as means of professional training of students historians are proved. Process of professional training of students historians during the studying the historical and demographic materials which essence consists in mastering professional competences of future teacher of the history, necessary for professional activity is experimentally reasonable. The theoretical analysis and results of experiment allowed to prove professional readiness of students historians from a position of formation of knowledge on historical and demographic materials, an ability to use this historical and demographic knowledge in professional activity of future teacher of history for the solution of problems of historical education. The Model of professional training of students historians by means of historical and demographic materials and pedagogical conditions of its effective realization in modern conditions of training of students historians to professional activity in pedagogical higher education institution is developed and approved. The model of professional training of students historians is recommended by means of historical and demographic materials for use in pedagogical higher education institutions.

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