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- Broadcasting young researchers and scholars outcomes to wide scientific audience
- Fostering knowledge exchange in scientific community
- Promotion of the unification in scientific approach
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specialists at US universities. Scientific Bulletin of the Flight Academy [Osoblyvosti profesiinoi pidhotovky fakhivtsiv z informatsiynykh tekhnolohii v universytetakh SShA. Naukovyi visnyk Lotnoi akademii], Kropyvnytskyi. – Pp.289-294.

14. Sosnytska N.L. Kulieshov S.O. 2020. Periodization of the development of professional training of future specialists in information technology in US universities: a methodological summary [Periodyzatsiia rozvytku profesiinoi pidhotovky maibutnikh fakhivtsiv z informatsiynykh tekhnolohii v universytetakh SShA: metodolohichnyi konspekt]. Scientific achievements of modern society: abstracts of the 9th International scientific and practical conference. Cognum Publishing House. Liverpool, United Kingdom. Pp.980-987.

Abstract. The purpose of the study has been to conduct a theoretical review of the formation and development of higher IT education in the United States and further create a periodization of the main events of these processes based on the information obtained. The author describes the periods of formation and development of higher IT education in the United States in the period from the beginning of the XX century to the beginning of the XXI century. The article highlights three periods of formation of the higher IT education system through the prism of changes and reforms in the functioning of some higher education institutions of relevant profiles in the technological progress of the twentieth century, in particular at the time of information technology as a radically new scientific direction and discipline. The obtained research data are important for further research of the American experience in the creation, reformation and modernization of the higher education system. Further research will identify best practices that can be used to improve the Ukrainian system of training future professionals in the field of IT.

Key words: education in the USA, higher IT education, information technologies, formation, development, periodization, specialist in the field of information technologies.

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