

## **DEVELOPMENT OF STUDENTS' CREATIVE ABILITIES IN LEARNING FOREIGN LANGUAGE AT THE FACULTIES OF NATURAL SCIENCES**

Knowledge of a foreign language is getting more and more important nowadays and is vital necessity that helps to overcome the barrier in communication and understanding each other. In connection with this Academician A.G. Zagorodny, who became the newly elected President of the Academy of Sciences, spoke about the need to move to a new level of international scientific and technical cooperation and integration into European scientific programs and research infrastructures, deepen the integration of science and education, develop and make extensive use of opportunities for international cooperation. Integrate into the European Research Area (ERA) and (EOSOC).

Therefore, knowledge of foreign languages is the main condition for today's success. Students of natural sciences and mathematics as future specialists have a need to know a foreign language, which provides opportunities for information exchange, allows you to develop and realize your creative potential. And the teachers of free economic zones have a task to train specialists with a high level of knowledge of a foreign language, which will promote cooperation, co-creation in a globalized world and increase the chances of becoming a successful specialist[3]..

A foreign language acts as a means of communication and an instrument of knowledge, exchange of experience. Scientist G. Turchynova points to the need to speak the language and notes that knowledge of the language is “one of the means to improve the quality of training and education of future professionals in the university,

capable of research, creative application in their profession of modern world scientific achievements and professional self-development” [5, p. 169].

NPU named after M.P. Drahomanov is at the forefront of this process. Thus, in 1991 at the University at the Faculty of Natural Sciences and Geography the following specialties were opened: “Geography and Foreign Language”, “Biology and Foreign Language”, “Chemistry and Foreign Language”, at the Faculty of Physics and Mathematics – “Mathematics and Foreign language”. The main theoretical works of domestic and foreign scientists, taking into account the practical experience in the organization of foreign language teaching for students of natural sciences and mathematics are embodied in the Concept of specialized education in higher education.

The works of K. Yenakiyeva, O. Kadomtsev, A. Voronchuk, A. Postoy, K. Shabatyn, A. Yurzhenko, N. Sazonova, N. Hnatiuk, O. Yarova are devoted to the peculiarities of teaching students foreign languages at the Faculty of Mathematics and Natural Geography. All developments of the department contribute to the study of foreign languages at the faculties of computer science, physics and mathematics, science and more.

The expediency of creating and using modern educational materials for teaching foreign languages is beyond doubt. Teachers of the department have developed foreign language courses for work in classrooms and independent work of students in the field of mathematics, computer science, biology, chemistry, geography [1,2].

Realization of the purposes of teaching a foreign language at the applicants of higher education of mathematical and natural-geographical direction in NPU named after M.P. Dragomanov aims to develop foreign language communicative competence (language / linguistic, speech, socio-cultural, sociolinguistic, general education), which involves not only mastering the amount of foreign language knowledge, skills and abilities, but also develops students' ability to apply this knowledge and skills in real

life situations, promotes future professional development and growth, and the ability to establish, develop relationships, collaborate with others in today's globalized world.

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