

Passport
of the training program for advanced training "Digital technologies in the practice of teaching natural science disciplines"

Name of the department	Department of Modern Natural Science
Form of education	correspondence (distance)
Language of education	Russian
Number of hours	72 hours (1 month)
Full name of lecturers, academic degree and title	Garnovskaya I. I., senior lecturer
Learning objectives and outcomes	<p>Formation of students' competencies in the field of application of modern digital technologies in the process of teaching natural science disciplines</p> <p>As a result of mastering the content of the advanced training curriculum, students will be able to:</p> <ul style="list-style-type: none"> – apply knowledge about the main directions of digital transformation of education in the Republic of Belarus; – use digital technologies in the educational process and in various forms of its organization; – create elements of digital educational content and use them in the process of teaching natural science disciplines; – use specialized information resources of the Internet in professional activities; – use the capabilities of modern software in the development of electronic learning tools and electronic educational resources – apply digital technologies to ensure the assessment and monitoring of educational achievements.
Summary of the training program for advanced training	<p>The main topics studied are:</p> <ul style="list-style-type: none"> – digital technologies in the educational process; – application of Microsoft Office technologies in the process of teaching natural science disciplines; – using multimedia, virtual and augmented reality to create modern educational products; – educational opportunities of the Internet.
Scientific and methodological support	<ol style="list-style-type: none"> 1. Brezgunova, I. V. Technologies of electronic learning : a textbook / I. V. Brezgunova, S. I. Maksimov. - Minsk: National Institute for Higher Education, 2020. - 144 p. 2. Zaitseva, E. M. Technologies for preparing documents in Word 2016. At 4 h. H. 1. Basic technologies and implementation of objects / E. M. Zaitseva, S. I. Maksimov. - Minsk: National Institute for Higher Education, 2017. - 60 p. 3. Garnovskaya, I. I. Multimedia in a medical university: [study.-method. manual] / I. I. Garnovskaya, I. V. Gorodetskaya, N. Yu. Konvalova; Ministry of Health of the Republic of Belarus, UO " Vitebsk State Order of Friendship of Peoples med. un-t"; edited by V. P. Deikalo. - Vitebsk : VSMU, 2011. - 131 p. 4. Grinchuk, S. N. Technology of preparation of presentations in Microsoft Powerpoint 2013: textbook.- method. the manual (with an electronic appendix) / S. N. Grinchuk, I. A. Dzyuba. - Minsk: National Institute for Higher Education, 2015-156 p. 5. Kananovich, A.V. The use of computer technologies in teaching physics/ A.V. Kananovich, E. A. Kananovich. - Minsk: National Insti-

	tute for Higher Education, 2015. - 96 p.
Teaching methods	Verbal, visual, practical
Forms of final certification	Credit
Certificate of education	Certificate of advanced training of the established state sample