

**The name of the academic discipline:  
«Fundamentals of computer science»**

<b>Code and name of specialty</b>	1-02 05 01 Mathematics and Informatics
<b>Training course</b>	1
<b>Semester of training</b>	1
<b>Number of class hours:</b>	48
<b>Lectures</b>	16
<b>Seminar classes</b>	-
<b>Practical classes</b>	-
<b>Laboratory classes</b>	32
<b>Form of current assessment (credit/differential credit/exam)</b>	exam
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	Mastering the academic discipline "Fundamentals of Informatics" should ensure the formation of competencies: solve the problems of professional activity based on the use of information and communication technologies, select the content, forms, methods and means of training and education, apply them in the educational process, taking into account the age and psychological characteristics of students, to carry out effective interaction with participants in the educational process based on the norms of pedagogical ethics, to apply techniques and methods for solving problems to complete the tasks of the school informatics course.
<p><b>Summary of the academic discipline:</b></p> <p>"Fundamentals of Informatics" is a comprehensive academic discipline that includes the following topics: basic concepts of information technology, electronic computers, computer software, Ms Windows operating system, service software, Microsoft Word word processor, Microsoft Excel spreadsheet, presentation preparation program Microsoft Power Point, Microsoft Access database management systems.</p>	