**The name of the academic discipline:**

**“Software for computing systems”**

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| **Specialty code and name** | 1-02 05 02 Physics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 8 |
| **Number of in-class academic hours:** | 48 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 20 |
| - |
| - |
| 28 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam |
| **Number of credit points** | 3 |
| **Competences** | To develop in future computer science teachers a comprehensive system of knowledge about the principles of organization and internal structure of a computer, the logical and physical foundations of its construction and functioning, the formation of knowledge and practical skills in working with computer interfaces that coordinate the operation of computer hardware; to acquaint students with modern trends and problems of development of architecture, the structure of hardware of modern computing systems. |
| **Summary of the academic discipline:**  Computer networks.  Software for computing systems and networks.  Information and network security. | |