**The name of the academic discipline:**

**“Computational Methods and Computer Modeling”**

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| **Specialty code and name** | 1-02 05 01 Mathematics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 7 |
| **Number of in-class academic hours:** | 44 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 16 |
| - |
| - |
| 28 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | Mastering the academic discipline “Computational Methods and Computer Modeling” should ensure the formation of specialized competence: applying a system of knowledge and skills in the field of computational methods, computer modeling and discrete mathematics. |
| **Summary of the academic discipline:**The academic discipline “Computational Methods and Computer Modeling” is aimed at studying the algorithms and methods of computational mathematics, developing skills in the practical application of computational methods, and developing skills in creating computer models. The purpose of studying the academic discipline is to develop professional competencies in the field of computational methods and computer modeling in future teachers of mathematics and computer science. |