**The name of the academic discipline:**

**“Formation of a creative environment in the process of teaching mathematics”**

|  |  |
| --- | --- |
| **Specialty code and name** | 1-02 05 01 Mathematics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 8 |
| **Number of in-class academic hours:** | 66 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 22 |
| - |
| 44 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | Select the content, forms, methods and means of teaching and education, apply them in the educational process taking into account the age and psychological characteristics of students. Apply innovative methods and techniques of teaching mathematics in developing skills for solving subject and meta-subject problems. |
| **Summary of the academic discipline:**Review of modern approaches to teaching and learning technologies from the perspective of the environmental approach. Subject-creative approach to teaching. The concept of polydidactic environment-oriented technology. Methods of implementing creative learning technology. Professional competencies of a teacher in the application of polydidactic environment-oriented technology. Professional competencies of a teacher in organizing creative microenvironments for solving problems. Models of a geometry lesson with the organization of mobile groups in a computer class. |