**The name of the academic discipline:**

**“Workbook on methods of teaching mathematics”**

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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** | - |
| - |
| 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:**Formation of professional competencies of university graduates in the application of information technology of teaching to the study of geometry. Formation of professional competencies of university graduates in the implementation of creative teaching of geometry. Formation of professional competencies of university graduates in the consolidation of educational material on geometry. Formation of professional competencies of university graduates in structuring geometric educational material. Formation of professional competencies of university graduates in developing a system of geometry lessons. Formation of professional competencies of university graduates in the application of information technology of teaching to the study of algebra. Formation of professional competencies of university graduates in the implementation of creative teaching of algebra. Formation of professional competencies of university graduates in the consolidation of educational material on algebra. Formation of professional competencies of university graduates in structuring algebraic educational material. Formation of professional competencies of university graduates in developing a system of algebra lessons. |