**The name of the academic discipline:**

**“Methods of teaching geometry on the 3rd stage of general secondary education”**

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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:** | 46 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 16 |
| - |
| 30 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam |
| **Number of credit points** | 3 |
| **Competences** | Apply scientifically based methods for developing mathematical concepts, teaching proof of mathematical statements and solving mathematical problems. |
| **Summary of the academic discipline:**Characteristics of the content of the geometry course of the 3rd stage of general secondary education. Methods of studying the axioms of stereometry. Methods of studying the relative positions of lines and planes in space. Methods of studying geometric constructions in space. Methods of studying coordinates and vectors in stereometry. Methods of studying polyhedra and solids of revolution. Methods of studying surface areas and volumes of bodies. Methods of solving stereometric problems. Stereometry lesson. |