**The name of the academic discipline:**

**“Philosophy and Methodology of Science”**

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| **Specialty code and name** | 7-06-0113-04 Physical and Mathematical Education |
| **Year of study** | 1 |
| **Semester of study** | 1, 2 |
| **Number of in-class academic hours:** | 72 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 40 |
| 32 |
| - |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | candidacy exam |
| **Number of credit points** | 3 |
| **Competences** | Developing the ability for creative and critical thinking in socially transformative and professional activities; mastering the modern style of scientific-practical and rationally oriented thinking; applying methods of scientific knowledge in research activities, generating and implementing innovative ideas; analyzing and evaluating the content and level of philosophical and methodological problems in solving social and professional problems; conducting a critical analysis, generalization and systematization of scientific information, setting research goals and choosing the best ways and methods to achieve them; demonstrating the ability for creativity and scientific research in the context of an interdisciplinary approach to solving practice-oriented and fundamental scientific problems. |
| **Summary of the academic discipline:**  Philosophy and values ​​of modern civilization. Philosophical and methodological analysis of science. Philosophical and methodological problems of disciplinary-organized science. Philosophy, science, man in the 21st century. | |