**The name of the academic discipline:**

**“Methodology of Scientific and Pedagogical Research”**

|  |  |
| --- | --- |
| **Specialty code and name** | 7-06-0113-04 Physical and Mathematical Education |
| **Year of study** | 1 |
| **Semester of study** | 1 |
| **Number of in-class academic hours:** | 34 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 14 |
| 20 |
| - |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam  |
| **Number of credit points** | 3 |
| **Competences** | Apply methods of scientific knowledge in research activities, generate and implement innovative ideas. |
| **Summary of the academic discipline:**Studying the course "Methodology of Scientific and Pedagogical Research" is the most important part of the system of preparation for scientific and pedagogical activity. The goal of the academic discipline is expressed in the formation of the methodological culture of the researcher in the field of pedagogy.The content of the program includes topics that allow you to consider the ideals and norms of cognitive activity in different models of scientific rationality, the logic of scientific research, the scientific apparatus of pedagogical research, methods of scientific knowledge, etc.A feature of the organization of studying this course is the connection of the educational material with the implementation of the master's research. Preparation and defense of the master's dissertation requires regulation of research activities in order to ensure the quality of the work, its compliance with both general and special criteria of examination accepted in the scientific and pedagogical community. The content of the academic discipline is aimed at internal mechanisms for regulating scientific and pedagogical search, ensuring successful research activities of the master's student. Mastering methodological norms, as well as their development for the level of their own research is the content of the methodological work of the master's student-researcher in the process of mastering the academic discipline. |