**The name of the academic discipline:**

**“Applied statistics in a pedagogical experiment”**

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| **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** | 12 |
| - |
| 22 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | To apply psychological and pedagogical methods and information and communication technologies in education and management. |
| **Summary of the academic discipline:**  Theoretical foundations of preparation and implementation of a pedagogical experiment. Elements of measurement theory.  Methods of mathematical statistics in a pedagogical experiment:  - Primary descriptive statistics and measures of variability.  - Parametric statistical criteria.  - Nonparametric statistical criteria.  - Methods of correction analysis. | |