**The name of the academic discipline:**

**“General Physics”**

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| **Specialty code and name** | 6-05-0113-04 Physical and Mathematical Education (Mathematics and Informatics) |
| **Year of study** | 2 |
| **Semester of study** | 3, 4 |
| **Number of in-class academic hours:** | 134 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 40 |
| - |
| 44 |
| 50 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam / credit |
| **Number of credit points** | 6 |
| **Competences** | Apply the system of knowledge and skills in physics to implement a practice-oriented approach to teaching mathematics and physics. |
| **Summary of the academic discipline:**  Physical foundations of classical mechanics. Fundamentals of molecular physics and thermodynamics. Electricity and magnetism. Wave and quantum optics. Elements of atomic physics, quantum mechanics, solid state physics. Elements of the physics of the atomic nucleus. | |