**The name of the academic discipline:**

**“Priority areas in physics, mathematics and computer 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 |
| **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** | Provide communications, demonstrate leadership skills, be capable of team building and developing strategic goals and objectives. Have the ability to analyze priority research in the physical and mathematical sciences to form a modern scientific picture of the world. |
| **Summary of the academic discipline:**  1. Introduction.  2. Potential theory for Maxwell's equations.  3. Surface optics.  4. Special theory of relativity.  5. Basic computational methods in physics and mathematics. | |