**The name of the academic discipline:**

**“Statistical Physics”**

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| **Specialty code and name** | 1-02 05 02 Physics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 8 |
| **Number of in-class academic hours:** | 108 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 68 |
| - |
| 40 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam |
| **Number of credit points** | 4 |
| **Competences** | Apply theoretical and practical skills, research methods in the field of astronomy, electrodynamics and theoretical physics.  Apply the basic principles of optics and quantum physics to solve problems of interdisciplinary and practice-oriented content. |
| **Summary of the academic discipline:**  Introduction. Basic concepts of thermodynamics. Phase transitions. Classical statistics. Gibbs quantum distribution. Quantum statistics of ideal gases. | |