**The name of the academic discipline:**

**“Astronomy”**

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| **Specialty code and name** | 1-02 05 01 Mathematics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 8 |
| **Number of in-class academic hours:** | 60 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 20 |
| - |
| 40 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | The specialist must apply research methods in the field of physics and astronomy to implement the educational process. |
| **Summary of the academic discipline:**  Introduction. Fundamentals of spherical and practical astronomy. Fundamentals of celestial mechanics and astronautics. Methods of astrophysical research. Physics of the planetary system. Physics of the Sun. Stars. Extragalactic astronomy. Elements of cosmology and cosmogony. Organization of astronomical observations in secondary educational institutions. | |