**The name of the academic discipline:**

**“Functions of Several Variables”**

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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** | 4 |
| **Number of in-class academic hours:** | 56 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 24 |
| - |
| 32 |
| - |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | To have a command of classical sections of mathematical disciplines in order to carry out educational and research activities. |
| **Summary of the academic discipline:**  Limit and continuity of a function of several variables. Partial derivatives and differential of a function of several variables. Extremum of a function of several variables. Implicitly defined functions. Multiple integrals. Some applications of multiple integrals. Curvilinear integrals over coordinates. | |