**The name of the academic discipline:**

**“Educational Robotics”**

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| **Specialty code and name** | 6-05-0113-04 Physical and Mathematical Education (Physics and Informatics) |
| **Year of study** | 2 |
| **Semester of study** | 4 |
| **Number of in-class academic hours:** | 46 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 16 |
| - |
| 14 |
| 16 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | The specialist must apply algorithmic methods in various programming environments, a system of knowledge and skills from educational robotics to implement the educational process |
| **Summary of the academic discipline:**Introduction to robotics. Electric circuits. Arduino hardware and software platform. Arduino development environment and programming language. Modeling on the Arduino platform. |