



## PASSPORT OF THE EDUCATIONAL PROGRAM

- **7M05302-Physics**

<b>Purpose of the educational program</b>	Training of masters with fundamental scientific or vocational training, knowledgeable in modern information technologies, demonstrating a systematic understanding of modern physics, skillfully organizing a scientific experiment, reporting their results in publications at the national or international level
<b>Area of professional activity</b>	Carries out his professional activities in the field of education and in research activities

## **Learning outcomes**

- LO 1** - mathematically correctly poses natural science problems, knows the formulation of the classical problems of physics
- LO 2** - conveys the result of physical, mathematical and applied research in the form of specific recommendations expressed in scientific terms of the subject area of the studied phenomenon
- LO 3** - organizes educational activities in a specific subject area (physics), owns a methodology for planning the educational process.
- LO 4** - understands and applies the modern physical and mathematical apparatus in solving professional problems
- LO 5** - clearly and unambiguously communicates and transmits information, conclusions, solutions to specific physical problems
- LO 6** - demonstrates skills for self-continuing further education in physics
- LO 7** - on a professional level applies his knowledge and transfers it to the audience
- LO 8** - sets out and critically analyzes basic general physical information; uses theoretical foundations, basic concepts, laws and models of physical phenomena