



PASSPORT OF THE EDUCATIONAL PROGRAM

- **8D05401- -MATHEMATICS**

THE PURPOSE OF THE EDUCATIONAL PROGRAM	The educational program regulates the goals, results, content, conditions and technologies for the implementation of the educational process, the assessment of the quality of graduate training in this field of training and includes materials that ensure the quality of training of students and the implementation of the appropriate educational technology.
FIELD OF PROFESSIONAL ACTIVITY	Education and upbringing, as well as scientific activities, state regulation related to education

Learning outcomes (LO)

LO 1 - able to demonstrate mastery of the development of research methods used in modern branches of mathematics, a systematic understanding of the field of study

LO 2- able to plan, develop, implement and adjust the complex process of scientific research in the actual problems of modern mathematics

LO 3 - able to contribute his own original research to the expansion of the boundaries of the scientific field of mathematics, which may deserve publication at the national and international level

LO 4- able to critically analyze, evaluate and synthesize new and complex ideas in modern branches of mathematics

LO 5-is able to demonstrate in-depth knowledge in the field of natural sciences and mathematics, is able to demonstrate the skills of using knowledge of current problems of mathematics, the skills of conducting independent scientific research in a selected field of theoretical mathematics

LO 6 -knows the methods of obtaining, processing, storing scientific information, the development of modern information technologies, solving current problems of scientific and practical problems

LO 7- able to navigate a wide range of the latest technologies, ideas, directions and be ready to use them in their professional activities

LO 8- able to methodically competently make plans for lectures and seminars on sections of academic disciplines and publicly present theoretical and practical sections of academic disciplines in accordance with approved teaching aids