

**Academic discipline:  
"Analytical geometry"**

<b>Code and name of specialty</b>	6-05-0113-04 Physics and mathematics education (mathematics and computer science)
<b>Training course</b>	1
<b>Semester of training</b>	1/2
<b>Number of class hours:</b>	102
<b>Lectures</b>	46
<b>Seminar classes</b>	-
<b>Practical classes</b>	56
<b>Laboratory classes</b>	-
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam/exam
<b>Number of credits</b>	6
<b>Competencies to be formed</b>	To master the classical sections of mathematical disciplines for the implementation of educational and research activities
<b>Summary of the content of the academic discipline:</b>	
"Analytical geometry" is an academic discipline that includes the following sections: elements of vector algebra, the method of coordinates on a plane, a straight line on a coordinate plane, lines of the second order, methods of coordinates in space, vector and mixed product of vectors, planes and lines in space, surfaces of the second order, polyhedra.	