

**Academic discipline:  
«Algebra and geometry»**

<b>Code and name of specialty</b>	1-02 05 02 Physics and Informatics
<b>Training course</b>	1
<b>Semester of training</b>	1/2
<b>Number of class hours:</b>	98
<b>Lectures</b>	34
<b>Seminar classes</b>	-
<b>Practical classes</b>	64
<b>Laboratory classes</b>	-
<b>Form of current assessment (credit/differential credit/exam)</b>	exam/ credit
<b>Number of credits</b>	6
<b>Competencies to be formed</b>	Mastering the academic discipline "Algebra and Geometry" should ensure the formation of basic professional competencies: apply methods of matrix calculus, solving systems of algebraic equations, studying equations of curves and surfaces to solve research and practice-oriented problems in work with students.
<p><b>Summary of the content of the academic discipline:</b></p> <p>Algebra and geometry is an academic discipline that includes the following sections (disciplines): general, linear algebra and analytical geometry as vector algebra, coordinate n-dimensional vector spaces, figures of the 1st and 2nd order on the plane and in space, receive initial skills in working with the theory of groups and fields.</p>	