

**Academic discipline:**  
**" Algebra of polynomials and field extensions "**

<b>Code and name of specialty</b>	1-02 05 01 Mathematics and Informatic
<b>Training course</b>	2
<b>Semester of training</b>	3
<b>Number of class hours:</b>	54
<b>Lectures</b>	24
<b>Seminar classes</b>	-
<b>Practical classes</b>	30
<b>Laboratory classes</b>	-
<b>Form of current assessment (credit/differential credit/exam)</b>	exam
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	To apply the theory of polynomials to solve problems in pedagogical practice
<p><b>Summary of the content of the academic discipline:</b></p> <p>When studying the discipline "Algebra of Polynomials and field extensions", students get acquainted with the basics of the theory of polynomials, methods and techniques of school algebra problems, in solving which methods and ideas of modern algebra are used. The study of the following sections is provided: the ring of polynomials from one variable, the ring of polynomials from several variables, finite field extensions.</p>	