

**Academic discipline:  
"Methodology of teaching mathematics"**

<b>Code and name of specialty</b>	1-01 02 01 Primary education
<b>Training course</b>	3
<b>Semester of training</b>	5
<b>Number of class hours:</b>	86
<b>Lectures</b>	28
<b>Seminar classes</b>	-
<b>Practical classes</b>	52
<b>Laboratory classes</b>	6
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	<p>Mastering of the academic discipline "Methodology of teaching mathematics" is aimed at the formation of <i>universal competence</i>: to carry out professional activity in the context of renewal of its goals, content, change of technologies, to define methods of solving professional tasks, to evaluate their effectiveness and quality; <i>basic professional competencies</i>: to put into practice the basic theories of teaching and education, modern pedagogical systems, to understand their role and place in the educational process; to carry out the selection of content, methods, forms and means of teaching and education, to use them in the educational process, taking into account the age and psychological characteristics of students.</p>
<p style="text-align: center;"><b>Summary of the content of the academic discipline:</b></p> <p>The content of the academic discipline " Methodology of teaching mathematics" includes the following subjects: "Methodology of forming the concept of a non-negative integer in students, "Methodology of teaching to solve textual arithmetic tasks", "Methodology of studying mathematical values, elements of algebra and geometry".</p>	