

**The name of the academic discipline:
«Set theory and number systems»**

Code and name of specialty	1-02 05 01 Mathematics and Informatics
Training course	1
Semester of training	2
Number of class hours:	60
Lectures	30
Seminar classes	-
Practical classes	30
Laboratory classes	-
Form of current assessment (credit/differential credit/exam)	credit
Number of credits	3
Competencies to be formed	Mastering the discipline "Set Theory and Numerical Systems" should ensure the formation of specialized competencies: apply the basic provisions of the theory of sets and propositional logic to solve practice-oriented problems.
<p align="center">Summary of the academic discipline:</p> <p>"Set Theory and Numerical Systems" is an academic discipline that is intended to acquaint students with the fundamental concepts and methods of the theory of sets and numerical systems, to form students' understanding of the construction of systems of natural, integer, rational, real and complex numbers, to show the relationship of numerical sets; develop students' analytical thinking and general mathematical culture; promote the development of mathematical thinking; to form students' practical skills in solving various mathematical and applied problems in set theory and numerical systems</p>	