Academic discipline:
«Algorithmization and programming»

Code and name of specialty	1-25 01 12 Economic informatics
Training course	1
Semester of training	1
Number of class hours:	76
Lectures	38
Seminar classes	-
Practical classes	-
Laboratory classes	38
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	6
Competencies to be formed	Mastering the academic discipline «Algorithmization and Programming» should ensure the formation of specialized competencies: to apply the theoretical foundations of algorithmization when writing programs in modern programming languages.
Brief content of the academic discipline:
The algorithm and its properties. General information about structural programming. Purpose and composition of the programming system. Classification of programming languages. The main elements of the language. Program structure. Simple data types. Operations. Terms. Operators. Complex data types. Arrays. Links. Structures. Addresses and pointers. Search and sorting tasks. Subroutines.