Academic discipline:
" Software Engineering "

Code and name of specialty	1-40 01 01 Information Technology Software
Training course	1/2
Semester of training	2/3
Number of class hours:	120
Lectures	60
Seminar classes	-
Practical classes	-
Laboratory classes	60
Form of current assessment (credit/differential credit/exam)	credit/exam
Number of credits	7
Competencies to be formed	To use formal methods of software design, evaluation of the complexity of algorithms and their practical implementation in the development of software products
Summary of the content of the academic discipline:	
The course "Software Engineering" is focused on studying the features of tool systems. It provides a basic description of the procedures for creating software, describes the basic elements of design. Modern standards in design and typical tasks related to software design are considered. The course includes algorithms for planning and designing systems, design languages used in application development, as well as software testing methodology.	