The name of the academic discipline:
«Mathematical analysis»

Code and name of specialty	6-05-0612-01 Software Engineering
Training course	1
Semester of training	1/2
Number of class hours:	176
Lectures	82
Seminar classes	-
Practical classes	94
Laboratory classes	-
Form of current assessment (credit/differential credit/exam)	credit/exam
Number of credits	9
Competencies to be formed	Mastering the academic discipline "Mathematical Analysis" should ensure the formation of basic professional competencies: apply the methods of differential and integral calculus, the apparatus of the theory of power and functional series in the construction and study of mathematical models of applied problems.
Summary of the academic discipline:	
"Mathematical analysis" is an academic discipline that includes the following sections (disciplines): introduction to mathematical analysis, differential calculus of functions of one variable, indefinite and definite integral, improper integrals, differential calculus of functions of several variables, integral calculus of functions of many variables, numerical and functional lines.	