Academic discipline:
" Integral calculus and series "

Code and name of specialty	1-02 05 01 Mathematics and Informatisc
Training course	2
Semester of training	3
Number of class hours:	118
Lectures	56
Seminar classes	
Practical classes	62
Laboratory classes	
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	6
Competencies to be formed	To carry out professional activity in conditions of updating its goals, content, changing technologies, to determine methods of solving professional tasks, to evaluate their effectiveness and quality. To apply methods for solving problems of differential and integral calculus, differential equations, series research.

Summary of the content of the academic discipline:

Indefinite integral. A definite integral. Improper integrals. Multiple integrals. Curvilinear integrals of the second kind. Numerical series. Functional sequences and series. Power series.