

**Academic discipline:
"Probability theory and mathematical statistics"**

Code and name of specialty	1-26 03 01 Information Resource Management
Training course	2
Semester of training	3
Number of class hours:	68
Lectures	38
Seminar classes	-
Practical exercises	30
Laboratory classes	-
Form of intermediate assessment (credit/differential credit/exam)	exam
Number of credits	3
Competencies to be formed	To master the basics of research, search, analyze and synthesize information. To use the mathematical apparatus in the field of professional activity.
Summary of the content of the academic discipline:	
Basic concepts and theorems of probability theory. Random variables and their basic distribution laws. The law of large numbers and limit theorems. Two-dimensional random variables. Two-dimensional random variables. Statistical evaluation. Testing statistical hypotheses. Correlation and regression analysis.	