

Teaching the Theory of Probability and Mathematical Statistics Course to Future Teachers of Mathematics

M. Yu. Karlova, T. P. Fomina

*P.P. Semenov-Tyan-Shansky Lipetsk State Teacher's Training University,
Lipetsk, Russia*

Keywords: mathematics teacher; probability theory; algorithm; professional competence.

Abstract. The question of how to teach mathematics is still relevant and is being studied continuously by scientists and practitioners. At present, in connection with the introduction of the elements of probability theory and mathematical statistics into the school standard of mathematical education, the problems of the teachers' methodological readiness for the successful implementation of this approach are acute. The article discusses methods of raising students' motivation for studying probability theory and mathematical statistics, contributing to better understanding, acquisition of learning materials and formation of professional competence of future mathematics teachers.