On the Issue of Teaching Mathematics to Environmental Students

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Keywords: population dependence; quality of training; mathematics; math modeling; mathematical-statistical method; model; career guidance for students; content of mathematical courses; aesthetics of mathematics; ecology.

Abstract: The paper discusses the issues of the structure and content of mathematical education for students of environmental study programs, their motivation for quality education. The most common mathematical methods used in ecology and the strengths of mathematical modeling have been described. The sections of the mathematics syllabus that most effectively contribute to the formation of professional competencies and

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pedagogical technologies for their implementation have been identified. The experimental data of the research results have been presented.