

**Changing educational framework in the transition to new educational standards at
Russian universities of life science and their impact on the teaching of statistics**

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The reform of higher education in Russia involves changing the key approaches to the formation of educational standards. These changes suggest transition of educational standards, strictly regulating professional curricula to develop National Qualifications Framework and Professional Qualifications Framework. This process, in turn, puts forward new requirements both to the formation of specialties curriculum in general and to the teaching of individual subjects. This paper analyzes the status and development of learning outcomes and competences (level cycle descriptors) of statistical disciplines for life science specialties, in particular in food sciences and agro ecology, according to the new requirements and standards.

Keywords: learning outcomes, statistical disciplines, descriptors, Qualifications Framework.