

## Qualification Descriptors

(Doctoral studies of third cycle of Food safety)

<b>1a. General descriptors of qualifications which determinate results from studying of doctoral studies of third cycle of Food safety</b>	
Knowledge and understanding	<p>Manifests knowledge and understanding of the scientific field of veterinary medicine, with using methods appropriate for solving complex issues, with ability of originality in development and/or application of autonomic ideas for research purpose.</p> <p>Manifest ability for use of expanded and extended knowledge.</p> <p>Manifests high level of professional competence within veterinary medicine in total.</p> <p>Manifests knowledge from various disciplines within field of veterinary medicine, which is base on most relevant international researching in that scientific field.</p>
Use of knowledge and understanding	<p>Manifests ability for critical, independent and creative solving issues in original mode, at the level of the field of veterinary medicine, or at the multidisciplinary level.</p>
Evaluation ability	<p>Manifests ability for synthesis and integration of knowledge gained not only during the studies, but also during his/her professional engagement.</p> <p>Manifests ability for handling with complex issues from professional aspect, their correct evaluation even with incomplete and limited data, but with awareness for personal, social and ethical responsibilities during application of gained knowledge and evaluation.</p> <p>Manifests ability for evaluation and selection of scientific theories, methodology, tools and professional skills from food safety, and founding of novel analyses and solutions based on science.</p>
Communication skills	<p>Manifests ability for exchange of conclusions, suggestions and opinions via arguments and rational support of such, not only with professional, but also with wider public, clear and unambiguously.</p> <p>Takes significant responsibility for the personal and joint results.</p> <p>Manifests ability for induction and managing activities within his/her professional competences.</p>
Learning skills	<p>Manifests ability for recognition of personal need for continuous expansion of previously gained knowledge and ability for independent activity during gaining of novel knowledge and skills within society.</p> <p>Manifests ability for taking responsibility for further professional development and improvement within field of food safety and widely.</p>

**1b. Specific descriptors of qualifications which determinate results from studying of programme of doctoral studies of third cycle of Food safety**

Qualifications which represent successful completion of third cycle of doctoral studies – 180 credit points (ECTS) are gained by the person who fulfils followed qualification descriptors.

Knowledge and understanding	<p>Manifests knowledge and understanding which is upgrade of knowledge gained at the graduated studies and which obtains originality in development and application of novel ideas in the field of food safety.</p> <p>Manifests extended academic and professional knowledge in the field of food safety.</p> <p>Manifests competencies which make him/her solvent for employment as PhD of food safety in food industry or in related public service.</p> <p>Manifests ability for continuous transfer of recent and expanded knowledge from the field of food safety.</p>
Use of knowledge and understanding	<p>Manifests complete and expanded knowledge in the field of foodstuff technologies, novel foodstuffs, especially food safety systems, food quality and safety standards, evaluation, management and communication with food safety risk and other disciplines which make him/her able to perform scientific work and to act in responsible mode within his/her profession and within society. Also manifest appropriate knowledge of recent development of his/her field of competence.</p> <p>Manifests ability to use his/her knowledge and understanding and his/her solving issue skills, in novel and unknown ambient in wider (or multidisciplinary) context related with food quality and safety.</p> <p>Manifests ability for gaining knowledge and for using such knowledge in the process of introduction of good hygiene and production practice in food industry.</p> <p>Manifests ability for gaining knowledge and for using such knowledge in development and implementation of food safety and quality monitoring systems in food industry.</p>
Evaluation ability	<p>Manifests ability for analyzing and solving issues via scientific approach, even if definitions are incomplete or formulated in uncommon mode, or are controversial.</p> <p>Manifests ability for recognition and analyzing of factors which have impact on food safety and quality.</p> <p>Manifests ability to identify and use innovative solving issue methods based on scientific principles, and for solving of issues which requires knowledge from other fields as management and perception and client behavior.</p> <p>Manifests ability to handle with complex situation in field of food safety.</p> <p>Manifests ability to make decisions in food safety related urgent circumstances.</p>
Communication skills	<p>Manifests ability for written and verbal communication about his/her researching and issue solving with his/her colleagues, experts and other involved sides.</p> <p>Manifests ability for debating about topics within field of food quality and safety and about role of food quality and safety in wider society context.</p> <p>Manifests ability for effective acting as a member of team containing members from various disciplines and levels.</p>

Learning skills	<p>Manifests understanding of professional duties, devotion and continuous education and training, need for professional improvement, during his/her whole professional life.</p> <p>Manifests ability for evaluation and research in practice.</p> <p>Manifests ability for taking initiatives for improvement of food quality and safety level in food industry.</p>
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