

## Qualification Descriptors

(First and second cycles of Veterinary medicine)

| <b>1a. General descriptors of qualifications which determinate results from studying of programme of integrated studies of first and second cycles of Veterinary medicine</b> |  |
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| Knowledge and understanding   | <p>Manifests knowledge and understanding within scientific field of veterinary medicine, with use of methods appropriate for solving complex issues, with capability of originality in solving and/or applying of autonomic ideas for research purpose.</p> <p>Manifests ability for use of expanded and development knowledge.</p> <p>Manifests high level of professional competency within veterinary medicine in total.</p> <p>Possess knowledge in many disciplines within veterinary medicine, based on most reference international research 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 field of veterinary medicine, or multidisciplinary level.</p>   |
| Evaluation ability  | <p>Manifests ability of synthesis and integration of knowledge gained not during the studies, but also during his/her professional engagement.</p> <p>Manifests ability for handling with complex issues in professional aspect, to evaluate them properly even with incomplete and limited data, but with awareness of personal, social and ethic responsibilities during use of gained knowledge and evaluation.</p> <p>Manifest ability for evaluation and selection of scientific theories, methodologies, tools and professional skills in veterinary medicine, and for introducing science based novel analyses and solutions.</p> |
| Communication skills  | <p>Manifests ability for exchange of conclusions, suggestions and opinions via arguments and rational support of them, not only with professional, but also with common public, clear and unambiguously.</p> <p>Taking significant responsibility not only for the personal, but also for the collective results.</p> <p>Manifests ability for induction and managing activities within his/her professional competencies.</p>   |
| Learning skills   | <p>Manifests ability for recognition of his/her personal need for continuous expansion of already gained knowledge and ability for independent activity for gaining novel knowledge and skills on society level.</p> <p>Manifests ability of taking responsibility for further professional development and improving within veterinary medicine and more widely.</p>  |

**1b. Specific descriptors of qualifications which determinate results from studying of programme of integrated studies of first and second cycles of Veterinary medicine**

Qualifications which represent successful completion of first and second cycle of integrated studies – 330 credit points (ECTS) are gained by the person who fulfils followed qualification descriptors. These qualifications are correspondent with the European Association of Establishments for Veterinary Education (EAEVE) propositions.

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| Knowledge and understanding        | <ul style="list-style-type: none"><li>- Manifests widespread knowledge and being familiar with sciences related with activities of veterinary doctors.</li><li>- Manifests knowledge of research methods uses in basic and applicative researching in all aspects of veterinary science.</li><li>- Manifests widespread knowledge of structure and function of normal animals and their breeding.</li><li>- Manifests widespread knowledge of etiology, pathogenesis, clinical signs, diagnostics and treatment of common diseases and disorders occurring in common domestic animal species in EU.</li><li>- Being familiar with legislative concerning animal welfare (including transport) and diseases with regulated monitoring.</li><li>- Being familiar with legislative of drugs and procedures for responsible handling with drugs adopted in EU member states.</li><li>- Being familiar with principles of disease prevention and health and welfare development.</li><li>- Being familiar with public health issues including zoonoses.</li></ul>  |
| Use of knowledge and understanding | <ul style="list-style-type: none"><li>- Manifests ability for gaining correct and relevant history for particular animal or group of animals, and for its/their environment.</li><li>- Manifests ability for safe and human handling with the animal, and to direct other persons for use of such techniques.</li><li>- Manifests ability of performing complete clinical examination.</li><li>- Manifests ability of nursing of all common domestic animal species in case of emergency and performing basic first aid (Problems for solving with any kind of first aid are bleedings, wounds, breath difficulties, eye and ear injury, loss of consciousness, clinical trauma, burns, tissue damage, internal organ injury and cardiac arrest. First aid which has to be applied includes bandaging, wound cleaning, limb immobilization, reanimation procedures, bleeding control.).</li><li>- Manifests ability for collecting, storing and transporting samples.</li><li>- Manifests ability for performing standard laboratory tests, and interpretation of results gained by the test made by him-/herself and tests made by other laboratories.</li><li>- Manifests ability for using radiographic, sonographic and other technical equipment which could be used as diagnostic accessory, safely and according current regulations.</li><li>- Manifests ability for use of appropriate procedures for diagnostics of emerging infectious diseases and zoonoses.</li><li>- Manifests ability for correct proceeding of certification.</li><li>- Manifests ability for access to appropriate databases for registered drugs.</li><li>- Manifests ability for correct and responsible proscription and preparation of drugs according relevant legislative and ensuring that drugs and waste are safely stored and/or removed.</li><li>- Manifests ability for correct use of principles of surgery equipment</li></ul> |

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|                      | <p>sterilization.</p> <ul style="list-style-type: none"> <li>- Manifests ability of correct use of principles of aseptic surgery.</li> <li>- Manifests ability of safe performing of sedation, general and local anesthesia, and decreasing and monitoring of pain.</li> <li>- Manifests ability for advising and use of correct treatment.</li> <li>- Manifests ability for human performance of euthanasia, with use of appropriate method, simultaneously showing sensitivity to animal owner's and other persons' emotions; to maintain safety of the present persons; to advise for correct removal of the corps.</li> <li>- Manifests ability for performing basic postmortem examination, to registrate the details, to take tissue samples, and to store and transport them correctly.</li> <li>- Manifests ability for performing ante- and postmortem examination of food producing animals and to identify correctly the conditions which impact on animal origin foodstuffs quality and safety.</li> <li>- Manifests ability for maintaining and implementation of the basic health and welfare records (including production record where necessary).</li> <li>- Manifests ability for creation and use of prevention and prophylactic programs appropriate for the species (herd health) and for maintenance of adopted medicine standards, as well as welfare and public health standards, looking for advice and help from the colleagues when necessary.</li> <li>- Manifests ability for minimizing the hazards of contamination, cross infection and pathogen accumulation in premises and in terrain conditions.</li> </ul> |
| Evaluation ability   | <ul style="list-style-type: none"> <li>- Manifests ability for evaluation of proof.</li> <li>- Manifests ability for correct interpretation of the clinical findings, and their association with laboratory and diagnostic imaging tests.</li> <li>- Manifests ability for correct evaluation of the animal's nutritive status and ability to advice the client about principles of nutrition and husbandry.</li> <li>- Manifests ability for recognition of necessity of euthanasia.</li> </ul>  |
| Communication skills | <ul style="list-style-type: none"> <li>- Manifests ability for efficient communication with clients, for getting public, professional collegial and responsible questions; for efficient listening and answering with sympathy for the client, and using speech in mode related with the client.</li> <li>- Manifests ability for preparing of clear case report and to maintain patients' records in appropriate for the colleagues and public understandable mode.</li> <li>- Manifests ability for efficient work as a member of an interdisciplinary team.</li> <li>- Manifests awareness for veterinary doctor's ethical responsibilities in aspect of care about the patient and relations with the client, and also at the level of the community and their possible impact on environment and the whole society.</li> <li>- Manifest awareness for economical and emotional circumstances related with work of a veterinary doctor, and responds appropriately on such pressures impacts.</li> <li>- Manifests will for using his/her professional capacities to contribute in maximum for the development of the veterinary medicine for</li> </ul>  |

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|                 | <p>improvement of veterinary practice and animal care quality, animal welfare and veterinary public health.</p> <ul style="list-style-type: none"> <li>- Manifests basic knowledge of veterinary practice organization and management, including: <ul style="list-style-type: none"> <li>o awareness for his/her professional responsibilities regarding employment and health;</li> <li>o safety legislative and position regarding staff and public.</li> </ul> </li> <li>- being familiar with mode of price estimation and invoice making, and awareness for importance of maintenance of record systems and bookkeeping, including: <ul style="list-style-type: none"> <li>o computer records and reports;</li> <li>o ability for efficient use of informatics technology and to communicate, share, collect, handle and analyze data;</li> <li>o importance of harmonization of adopted standards with practice policy.</li> </ul> </li> <li>- Acts professionally regarding professional and legal responsibilities understands and uses ethical codices of the related regulatory bodies.</li> <li>- Manifests ability to handle with ambiguities and to accommodate his-/herself with changes.</li> <li>- Manifests awareness for personal limitations, and demonstrate consciousness for when and from whom to ask professional advice, help and support.</li> <li>- Posses general knowledge of the veterinary practice.</li> </ul> |
| Learning skills | <ul style="list-style-type: none"> <li>- Manifests understanding for professional duties, devotion and continuous education and training, for essence of professional development, during his/her whole professional life.</li> </ul>  |