

## Appendix 5 The relationship between the 10 learning outcomes of the study programme and the 36 + 12 DOCs of EAEVE

Apply, analyze and interpret the knowledge of the sciences on which veterinary medicine is based in order to make evidence-based decisions	<p>1.7 Understand the economic and emotional context in which the veterinary surgeon operates.</p> <p>1.14 Take part in self-audit and peer-group review processes in order to improve performance.</p> <p>1.2 Demonstrate knowledge of the organisation, management and legislation related to a veterinary business economics and employment rights.</p> <p>2.1 Understanding of, and competence in, the logical approaches to both scientific and clinical reasoning, the distinction between the two, and the strengths and limitations of each.</p> <p>2.12 Understand the ethical framework within which veterinary surgeons should work, including important ethical theories that inform decision-making in professional and animal welfare-related ethics</p> <p>2.2 Research methods, the contribution of basic and applied research to veterinary science and implementation of 3Rs (Replacement, Reduction, Refinement).</p>
Apply a professional and ethical approach in all areas of veterinary activity in order to improve the health and conditions of feeding, housing, welfare and production of all species of animals	<p>1.20 Assess the physical condition, welfare and nutritional status of an animal or group of animals and advise the client on principles of husbandry and feeding.</p> <p>2.3 Understand the structure, function and behaviour of animals and their physiological and welfare needs.</p> <p>2.4 A knowledge of the businesses related to animal breeding, production and keeping.</p>
Independently use appropriate laboratory equipment and conducts critical analyzes of laboratory test results, with an understanding of applied techniques and diagnostic procedures in veterinary medicine	<p>1.21 Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.</p> <p>1.33 Perform a systematic gross post-mortem examination, record observations, sample tissues, store and transport them.</p> <p>1.22 Communicate clearly and collaborate with referral and diagnostic services, including providing an appropriate history.</p>
Actively apply expertise in conducting clinical, obstetric and surgical procedures, and make recommendations for diagnosis, treatment and	<p>1.15 Obtain an accurate and relevant history of the individual animal or animal group, and its/their environment.</p> <p>1.17 Perform a complete clinical examination and demonstrate ability in clinical decision-making.</p>

<p>prognosis of disease taking into account the needs of animals and owners, available resources, as well as financial and legal requirements</p>	<p>1.18 Develop appropriate treatment plans and administer treatment in the interests of the animals under their care with regard to the resources available.</p> <p>1.19 Attend in an emergency and perform first aid in common animal species*.</p> <p>1.30 Safely perform sedation, and general and regional anaesthesia; implement chemical methods of restraint.</p> <p>1.16 Handle and restrain animal patients safely and with respect of the animal, and instruct others in helping the veterinarian perform these techniques.</p> <p>1.31 Assess and manage pain.</p> <p>2.5 Understand the aetiology, pathogenesis, clinical signs, diagnosis and treatment of the common diseases and disorders that occur in the common animal species*.</p> <p>1.32 Recognise when euthanasia is appropriate and perform it with respect of the animal, using an appropriate method, whilst showing sensitivity to the feelings of owners and others, with due regard to the safety of those present; advise on disposal of the carcass.</p> <p>1.29 Perform aseptic procedures appropriately.</p> <p>1.28 Apply principles of bio-security correctly.</p> <p>1.9 Understand and apply principles of clinical governance, and practise evidence-based veterinary medicine.</p> <p>1.11 Demonstrate ability to cope with incomplete information, deal with contingencies, and adapt to change.</p> <p>1.12 Demonstrate that they recognise personal and professional limits, and know how to seek professional advice, assistance and support when necessary.</p> <p>1.23 Understand the contribution that imaging and other diagnostic techniques can make in achieving a diagnosis. Use basic imaging equipment and carry out an examination effectively as appropriate to the case, in accordance with good health and safety practice and current regulations.</p> <p>1.26 Prescribe and dispense medicines correctly and responsibly in accordance with legislation and latest guidance.</p> <p>1.27 Report suspected adverse reactions through the appropriate channel.</p>
<p>Conduct preventive veterinary medicine, and implement programs for prevention and control of</p>	<p>1.36 Advise on, and implement, preventive and eradication programmes appropriate to the species and in line with accepted animal health, welfare and public health standards.</p>

<p>bacterial, viral and parasitic animal diseases, with special emphasis on infectious diseases and zoonoses and the concept of One Health</p>	<p>1.10 Use their professional capabilities to contribute to the advancement of veterinary knowledge and One Health concept, in order to improve animal health and welfare, the quality of animal care and veterinary public health.</p> <p>1.24 Recognise signs of possible notifiable, reportable and zoonotic diseases as well as abuse and take appropriate action, including notifying the relevant authorities.</p> <p>1.3 Promote, monitor and maintain health and safety in the veterinary setting; demonstrate knowledge of systems of quality assurance; apply principles of risk management to their practice.</p> <p>2.9 Understand the principles of disease prevention and the promotion of health and welfare.</p> <p>1.8 Be able to review and evaluate literature and presentations critically.</p>
<p>Know and apply laws and other administrative provisions related to food safety in hygiene procedures and technology of foodstuffs of animal origin intended for human consumption</p>	<p>1.35 Perform inspection of food and feed including post-mortem inspection of food producing animals and inspection in the field of related food technology.</p> <p>1.34 Perform ante-mortem inspection of animals destined for the food-chain, including paying attention to welfare aspects; correctly identify conditions affecting the quality and safety of products of animal origin, to exclude those animals whose condition means their products are unsuitable for the food-chain.</p> <p>1.6 Work effectively as a member of a multi-disciplinary team in the delivery of services.</p> <p>1.10 Use their professional capabilities to contribute to the advancement of veterinary knowledge and One Health concept, in order to improve animal health and welfare, the quality of animal care and veterinary public health.</p> <p>2.10 Veterinary public health issues, e.g. epidemiology, transboundary epizootic diseases, zoonotic and food-borne diseases, emerging and re-emerging diseases, food hygiene and technology.</p> <p>2.6 Awareness of other diseases of international importance that pose a risk to national and international biosecurity and trade.</p> <p>2.7 Understand legislation relating to animal care and welfare, animal movement, and notifiable and reportable diseases.</p>
<p>Independently search literature, databases and other sources of information in order to improve theoretical</p>	<p>1.8 Be able to review and evaluate literature and presentations critically.</p> <p>1.25 Access the appropriate sources of data on licensed medicines.</p> <p>2.1 Understanding of, and competence in, the logical approaches to both scientific and clinical reasoning,</p>

knowledge and practical skills in solving professional and scientific problems in the field of veterinary medicine	the distinction between the two, and the strengths and limitations of each.
Apply the legal and ethical professional principles on health, safety and legal issues, respect and implementation of professional ethics, responsibilities and standards in veterinary medicine	<p>1.1 Understand the ethical and legal responsibilities of the veterinarian in relation to animals under his/her care, the environment, clients, policies and society.</p> <p>1.2 Demonstrate knowledge of the organisation, management and legislation related to a veterinary business economics and employment rights.</p> <p>2.7 Understand legislation relating to animal care and welfare, animal movement, and notifiable and reportable diseases.</p> <p>2.8 Medicines legislation and guidelines on responsible use of medicines, including responsible use of antimicrobials and antiparasitics.</p>
Communicate effectively with colleagues, clients and the public, educate and collaborate in different social contexts, with the ability to act independently and in teams	<p>1.4 Communicate effectively with clients, the public, professional colleagues and responsible authorities, using language appropriate to the audience concerned and in full respect of confidentiality and privacy.</p> <p>1.5 Prepare accurate clinical and client records, and case reports when necessary, in a form satisfactory to colleagues and understandable by the public.</p> <p>1.6 Work effectively as a member of a multi-disciplinary team in the delivery of services.</p> <p>2.11 Understand Principles of effective interpersonal interaction, including communication, leadership, management and team working.</p> <p>1.22 Communicate clearly and collaborate with referral and diagnostic services, including providing an appropriate history.</p>
Identify the need and demonstrate readiness to be involved in the lifelong learning process for further professional development and care for animals according to the highest standards of the profession	1.13 Demonstrate an ability of lifelong learning and a commitment to learning and professional development. This includes recording and reflecting on professional experience and taking measures to improve performance and competence.