

This teaching module provides the following elements, which are useful for achieving **EAEVE Day One Competences**

1.1	<p><b>Act in a way that shows understanding of the ethical and legal framework within which veterinarians should work, including professional-, animal welfare-, client-, public health-, societal- and environmental-related aspects.</b></p> <p>The student knows the legal framework analysis concerning food-borne parasitic zoonoses and public health issues</p>
1.5	<p><b>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.</b></p> <p>Communication with clients using appropriate language</p>
1.12	<p><b>Use of professional capabilities to contribute to the advancement of veterinary knowledge and the One Health concept, in order to promote the health, safety and welfare of animals, people and the environment, as well as the United Nations Sustainable Development Goals.</b></p> <p>Capability to approach to parasitic and mycotic agents as a concern for animal and human health in a One Health perspective and SDGs (3, 15)</p>
1.19	<p><b>Develop appropriate treatment plans and administer treatment in the interest of the animal under their care with regard to the resources available and to appropriate public health and environmental considerations.</b></p> <p>The student correctly identifies antiparasitic drugs and preferable routes of administration</p>
1.22	<p><b>Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.</b></p> <p>The student is able to interpret the results of the following laboratory parasitological and mycological tests: qualitative and quantitative copromicroscopy, FECRT, fungal microscopy and cultural exam, skin scraping for ectoparasites</p> <p>The students knows how to apply proper clinical/parasitological keys to diagnose parasitic infections</p> <p>The student is able to look for the appropriate national or European legislation norms for selection and interpretation of diagnostic tests aimed to the control of a transmissible disease at farm level, region or country</p>
1.25	<p><b>Recognise signs of possible notifiable, reportable and zoonotic diseases as well as abuse of animals and take appropriate action, including notifying the relevant authorities.</b></p> <p>The student is able to recognize the main signs of possible notifiable, reportable and zoonotic parasitic diseases</p> <p>The student knows symptoms, diagnosis and risks of transmission associated with the main parasitic and fungal zoonotic diseases</p> <p>The student is aware of the main reference services at national and international level for parasitic diseases</p>
1.29	<p><b>Recommend and evaluate protocols for biosafety and biosecurity, and apply these principles correctly.</b></p> <p>The student uses correctly and safely the contaminated and organic waste (yellow bins)</p> <p>The students correctly apply biosafety and biosecurity protocols in a diagnostic lab for parasitology and mycology</p> <p>The student applies standard biosecurity practices during lab activity i.e. cleaning and disinfection of tables and equipment)</p>
1.36	<p><b>Perform inspection of food and feed to correctly identify conditions affecting the quality and safety of products of animal origin, including related food technology.</b></p> <p>The student identifies lesions and anomalies in meats and organs that suppose a risk due to parasites to the human and animal health</p>
1.38	<p><b>Advise on and implement preventive and eradication programmes appropriate to the disease and species, in line with accepted animal health, animal welfare, public health and environmental health standards.</b></p> <p>The student is acquainted with the common internal and external parasite management and control schemes</p> <p>The student is acquainted with the major vector-borne parasitic diseases control schemes</p> <p>The student is acquainted with the preventive and eradication programmes appropriate to parasitic diseases</p>