69878 - ACQUACOLTURA E ALLEVAMENTO DELLE PICCOLE SPECIE

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

1.1 **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.**

The student is aware of the legal, ethical and social responsibilities of the Veterinary profession

1.2 **Understand scientific research methods, the contribution of basic and applied research to science and implementation of the 3Rs principle (Replacement, Reduction, Refinement).**

1.3 **Demonstrate a basic knowledge of the organisation, management and legislation related to veterinary practice. Understand the economic and emotional context in which the veterinarian operates.**

1.4 **Promote, monitor and contribute to maintaining health and safety of oneself, patients, clients, colleagues and the environment in the veterinary setting; demonstrate knowledge about the principles of quality assurance; apply principles of risk management in practice.**

1.5 **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.**

1.6 **Implement principles of effective interpersonal interaction, including communication, leadership, management, team working, mutual respect and other soft skills.**

1.8 **Work effectively as a member of a multidisciplinary team in the delivery of services and recognise the contribution of all team members.**

1.9 **Be able to review and evaluate literature and presentations critically.**

1.12 **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.**

1.16 **Obtain an accurate and relevant history of the individual animal or animal group, and its/their husbandry and environment.**

The student introduces himself/herself properly to the owner

The student obtains a farm history in a structured way, taking into account the main questions: technology (intensive, extensive, organic, precision farming)? environmental condition and environmental impact?animal behaviour? production cycle phases, including reproduction?

The student interrogates owner about the main signs of welfare and good performance in fish species

The student is able to transform the owner's description in a brief and accurate way for a quick farm history reading.

The student correctly writes the farm history findings using the appropriate Veterinary Medical terminology.

1.17 **Handle and restrain animal patients safely and with respect of the animal and instruct others in helping the veterinarian to perform these techniques.**

The student shows confidence and safely approaches to a fish and aquatic animal

1.21 **Assess the physical condition, welfare and nutritional status of an animal or group of animals and advise the client on principles of husbandry, feeding, reproduction, production, welfare, individual health, herd health and public health.**

The student recognizes common fish and shellfish species

The student correctly assesses fish and shellfish welfare by evaluating manifestations of behavioral patterns or behavioral disorders

The student gets familiar with commercial feeds and feed label Information that are commonly used in feeding animals

The student correctly assesses environmental parameters in fish farm

The student correctly assesses if farming environmental parameters are optimal for each species of farmed fishes

The student correctly assesses environmental parameters in different parts of fish farm (growth out tanks and hatchery)

The student correctly assesses farming conditions in different part of fish farm (growth out tanks and hatchery)

The students is able to outline a checklist to analyze critical points in a fish farm

1.22	**Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.**
	The student is able to collect samples of fish and shellfish for chemical and biological analyses purposes
1.31	**Safely perform sedation and general and regional anaesthesia; implement chemical methods of restraint.**
	The student knows the main anesthetic agents used in production animals
1.35	**Perform ante-mortem inspection of food-producing animals including paying attention to welfare aspects, systematic gross post-mortem examination, record observations, sample tissues, store and transport them.**
	The student is able to assess the correct stunning of fish and shellfish