



Structure of the AQUATECHInn 4.0 Training Programme

MODULE III

Animal Health management and biosecurity, welfare, nutrition, and reproduction	Nr. hour per topic
Fish welfare (on farm, transport, stunning and slaughter)	7
Disease prevention, biosecurity, therapeutics in aquaculture	8
Microbiological and chemical contamination and toxins in Aquaculture	8
Advances in fish nutrition and reproduction	2
Advances in shellfish nutrition and reproduction	2
Feeding strategies: Frequency and duration of feeding, ration and consumption calculation, loss control, Conversion Factor Optimization, new feeding techniques.	4
Production of New Species and domestication issues	4
Omics technologies in aquaculture: Genomics, transcriptomics, proteomics to explore function, mechanisms, interactions between genes, transcripts, proteins, lipids, and other biomolecules.	3
VR Welfare	2
Total	40