

AQS106
Introduction to Aquatic
Sciences

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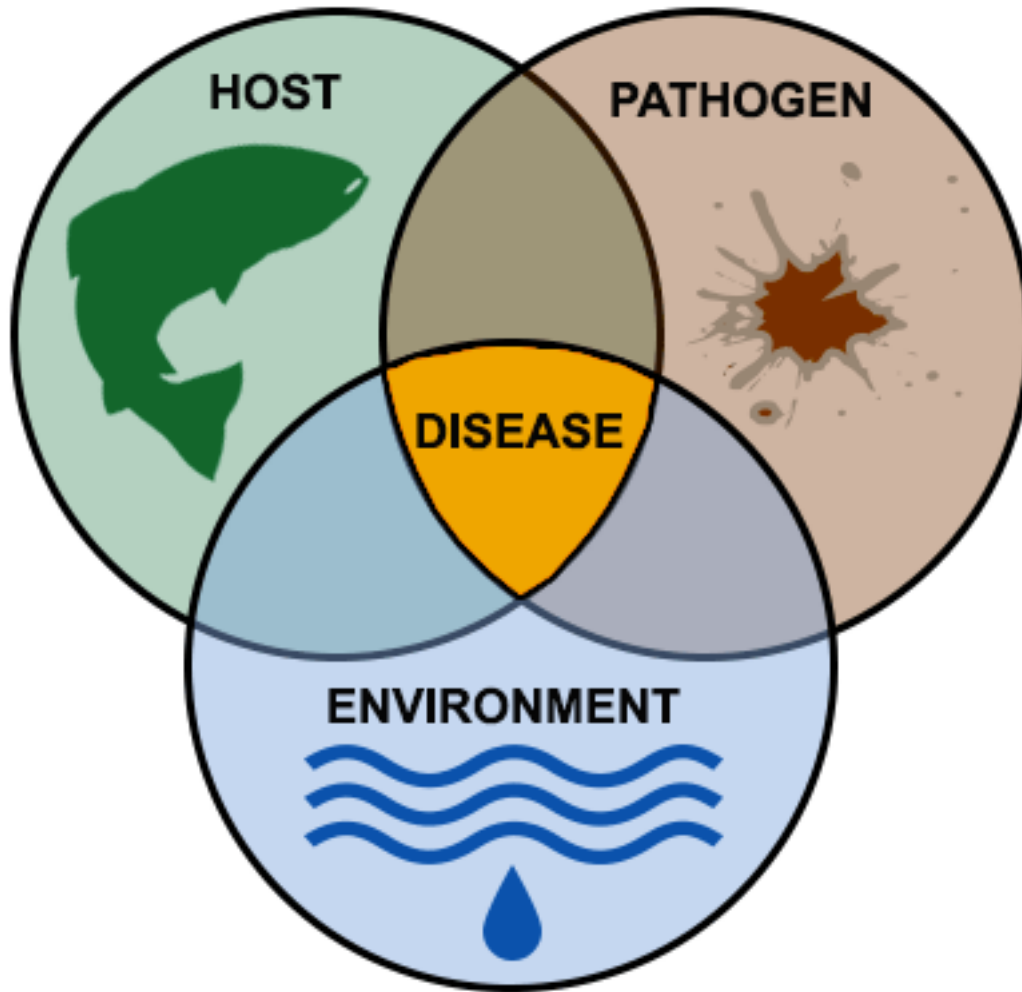
Weekly topics

1. Week Aquaculture in Turkey and world
2. Week The role of Aquatic Sciences in Human Life and Consumption
3. Week What is Fish? Taxonomy of Fish
4. Week Water Quality for aquaculture
5. Week Live foods (microalgae, zooplankton, Artemia)
6. Week Fish transport
7. Week Aquatic crustaceans
8. Week Introduction to Marine Fish
9. Week Introduction to Freshwater Fish
- 10. Week Introduction to Fish Diseases**
11. Week Introduction to Fishing Techniques
12. Week Aquaculture Production Systems – Aquaponics & RAS
13. Week Introduction to Freshwater Aquarium Systems
14. Week Introduction to Marine Aquarium Systems

10. Week

Introduction to Fish Diseases

- What is disease?
- Disease types and features



<https://vtfishandwildlife.com/about-us/departments-divisions/fish-division/fish-management/fish-health-program>

Sampling

Fish Diseases

- Bacterial Infections
- Parasite Infections
- Viral Infections
- Fungal Infections
- Non-Infectious Diseases



Infectious
Diseases

Bacterial Infections

Processing of samples

Medium - Agar / Broth?

Conventional methods

Molecular methods

Rapid Diagnostic Kits

Rapid Diagnostic Kits

Parasite Infections

Parasite Infections

Viral Infections

Viral Infections

Fungal Infections

Non-Infectious Disorders

Lordosis

Scoliosis

Gas Bubble