**AQUAVET® Background Information**

* ***Need for trained veterinary professionals***
  + ***contribute to the health/welfare of aquatic animals and their environment***
  + ***Began in the spring of 1977***
* ***Historically sponsored by*** 
  + ***University of Pennsylvania***
  + ***Cornell University***

**AQUAVET® Course Information**

* ***Four opportunities*** 
  + ***AQUAVET® I*** 
    - ***Introduction to Aquatic Veterinary Medicine***
    - ***4 week course***
  + ***AQUAVET® II*** 
    - ***Comparative Pathology of Aquatic Animals***
    - ***2 week course***
  + ***AQUAVET® Summer fellowship*** 
    - ***Usual Location: Fish Diagnostics Lab at Cornell***
    - ***Usual Topic: a selected fish viral disease***
    - ***Duration: 8 weeks***

**Logistics – AQUAVET® I & II**

* ***Roger Williams University - Bristol, RI***
  + ***Classrooms and labs***
  + ***Library***
* ***Tuition covers course work, housing and most meals***
* ***Housing – suites with kitchen and 2 bedrooms*** 
  + ***4 students per suite***
  + ***roommate***
  + ***no pets***
* ***Meals – cafeteria meal plan***
  + ***Breakfast, lunch, dinner***
  + ***5-10 stations***

**COURSES at RWU**

**AQUAVET® I:** A**n Introduction to Aquatic Veterinary Medicine**

**4 weeks: total immersion course**

**27 May to 23 June 2024**

**22-24 Students**

**Approx. 46 invited faculty**

**AQUAVET® II: Comparative Pathology of Aquatic Animals**

**2 weeks: total immersion course**

**27 May to 9 June 2024**

**12-18 students**

**Approx. 15 invited faculty**

**AQUAVET® I - Introduction to Aquatic Veterinary Medicine**

* ***Four weeks – begins May 27 and ends June 23***
* ***Classes routinely five and one half days a week (and most evenings)***
  + ***Water Quality***
  + ***Invertebrates to marine mammals***
  + ***Lectures and laboratory sessions***
  + ***Student seminars***
  + ***Field trips***

***Invertebrates to marine mammals***

* + ***Aquatic invertebrates***
  + ***Fish***
  + ***Amphibians and Reptiles***
  + ***Sea Turtles***
  + ***Aquatic Birds***
  + ***Marine Mammals***
* ***Field trips***
  + ***Intertidal Invertebrate Collecting***
  + ***Mystic Aquarium***
  + ***New England Aquarium***
  + ***Atlantis Marine World***
  + ***Riverhead Foundation for Marine Research and Preservation***
  + ***WHOI (Woods Hole Oceanographic Institute)***
* ***Tuition for Students - $2,750*** 
  + ***Less $200 from anonymous donor = $2,550***
  + ***Includes***
    - ***Tuition***
    - ***Room and board (almost all meals) - 4 weeks***
* ***Required to attend class***
  + ***Foundation covering 2/3 of cost***
  + ***Credit Available – depending on school***
  + ***Evaluation based on*** 
    - ***Participation in all aspects of the course***
    - ***Especially student seminars***

**AQUAVET® I Cost Comparisons**

* ***Tuition - $2,750 - $200 = $2,550*** 
  + ***Compare:***
  + ***AQUAVET®I – 4 weeks***
    - ***about $637/week - Includes***
    - ***Tuition***
    - ***Room and board (practically all meals)***
  + ***MarVet – 2 weeks for about $2,000***
    - ***About $1,000/week***
    - ***Includes only some meals***
  + ***SeaVet – about $490 for 10 days***
    - ***About $345/week***
    - ***Includes only some meals***
    - ***Doesn’t include housing***
* ***Classes*** 
  + ***routinely 5.5-6 days a week***
  + ***(and most evenings)***
  + ***Required to Attend Class***
  + ***8 am to noon***
  + ***1 pm to 5 pm***
  + ***6:30 pm to 8:30 pm or later***

**AQUAVET® I Student Seminars**

* ***Student seminars required***
  + ***25-30 minute***
  + ***PowerPoint***
  + ***Topics***
    - ***Invertebrates to marine mammals***
    - ***Marine plants***
    - ***Ecology***
  + ***prepare early***

**AQUAVET® II - Comparative Pathology of Aquatic Animals**

* ***Prerequisites: AQUAVET® I or equivalent***
* ***Two Weeks – May 27 to June 9, 2024***
* ***Classes 5.5-6 days a week and most evenings***
* ***Lectures, slide review, and occasional wet labs***
  + ***Primarily Fish and Invertebrates***
  + ***Comparative Anatomy***
  + ***Parasites***
  + ***Bacterial, Viral and Fungal Diseases***
  + ***Toxicology***
  + ***Histopathology***
* ***Student Tuition - $1,665***
  + ***Includes course instruction and room and board***
  + ***Required to Attend Classes***
  + ***Foundation covering 2/3 of cost***
* ***Course Credit possible***
  + ***Depends on school requirements***
* ***Evaluation***
  + ***Based on class participation***

**AQUAVET® Summer Fellowship**

* ***Research project under guidance of AQUAVET® faculty***
* ***8 week duration (July and August)***
* ***Aquaculture Based Project (funding requirement)***
* ***Limited positions – usually 1***
* ***Pays stipend of $3,800 after finishing all 8 weeks***
* ***Publication often generated at the end of project***