**AQUAVET® I and II - Information for 2023**

**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**

 **28 May to 24 June 2023**

 **22-24 Students**

 **Approx. 46 invited faculty**

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

 **2 weeks: total immersion course**

 **28 May to 10 June 2023**

 **12-18 students**

 **Approx. 15 invited faculty**

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

* ***Four weeks – begins May 28 and ends June 24***
* ***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 28 to June 10, 2022***
* ***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***