

# Wildlife Medicine & Conservation in Belize

## Twelve (12) day course



Schedule	Activities
Day 1	Arrival, visit to The Belize Zoo & Welcome dinner
Day 2	Welcome to BWRC Introduction to Wildlife Medicine and Conservation issues and approaches Wildlife Anatomy and Bone Puzzle LAB Introduction to current patients
Day 3	Wildlife Examination. Basic clinical applications. Capture and restraint of wildlife species lecture Immobilization equipment and target practice with Telinject Blowpipe LAB
Day 4	Procedures and patients at BWRC* Wildlife Rehabilitation - Myths and realities Reptile medicine and conservation in Belize (Iguanas, turtles, crocs and snakes) and preparation for field visit. Snakes of Belize (lecture) and safe handling (LAB)
Day 5	Field visit hands on LAB: Iguana conservation and medicine at the Green Iguana Project (capture, handling and health checks for all iguanas) Visit to Mayan site
Day 6	Procedures and patients at BWRC* Necropsies of avian, mammal and reptile species with basic clinical applications practice (injections, IO catheters, intubation, wing wraps, avian orthopedics for vets) LAB
Day 7	FREE DAY (we can recommend recreational activities or optionally facilitate Iguana population surveys: counting iguanas while canoeing or kayaking down the river)
Day 8	Procedures and patients at BWRC* Macaw Conservation efforts in Belize 2012-2022 Avian capture, Avian capture, restraint and basic clinical applications including blood draws LAB

Day 9	Procedures and patients at BWRC* Stabilization of Wildlife and anesthesia monitoring Wildlife Hematology (PCV, WBC, Differential, TP) LAB
Day 10	Procedures and patients at BWRC* Wildlife Parasitology lecture Parasitology LAB
Day11	Procedures and patients at BWRC* Necropsy LAB and suture technique practice Interesting x-ray cases De-briefing
Day12	Safe trip home

\*Students will be introduced to all cases present at the time of their class. Treatments and procedures on patients that can be done safely and observed and/or assisted without compromising the animals' or students' safety will be treated/seen with students.

## Optional add on's:

- Bird watching tour early morning on Iguana field visit day;
- Add on trip to the Cayes or Coast (before or after the course)

## Optional customizations:

- Visit to Guatemala and the regional Wildlife Center ARCAS
- Beach day and snorkel trip
- Activities around Small Animal Medicine and Shelter medicine in the tropics.
- Learning about common diseases and assisting Humane Societies, providing care for neglected street animals or assisting with health clinics and spay and neuter surgeries for our rural partner community are all activities that we can incorporate into the schedule upon request.