

The University of Findlay

Summer 2022

The mission of The University of Findlay is to equip our students for meaningful lives and productive careers.

Course Number: ANSC 451: Conservation of Rainforest Wildlife

Credit Hours: 3

Class Time/Place:

Loop Abroad Costa Rica: Session 1: May 15-May 28; Session 2: May 29-June 11; Session 3: June 12-June 25; Session 4: June 26-July 9; Session 5: July 10-23

Loop Abroad Ecuador: Session 1: May 15-May 28; Session 2: May 29-June 11

Prerequisites, Co-requisites and Course Description:

This course takes place at a wildlife rescue center in a tropical rainforest. It will prepare you to understand management and care of rainforest animals in a rehabilitation and release setting, and will prepare you to safely care for and manage companion animals in a veterinary setting.

Instructor: Erica Ward, DVM; Ismail Hirji, DVM; Vivek Basu, DVM; Kimberly Vinette Herrin, DVM; Sonsoles Hernandez Lopez, DVM; Sydney Pokard, DVM

Instructor Contact Information: erica@loopabroad.com; TBA

Office Hours: upon request

Course Objectives:

The following Learning Objectives will be addressed or assessed as part of the course:

- **Understand** and **Apply** knowledge gained to provide basic care, husbandry, treatment, and management of various species
- **Understand** and **Apply** knowledge gained to be proficient at handling, restraint, and physical exams of various species
- **Analyze** behavior and welfare of a captive wildlife species
- **Create** ethograms and enrichments for captive animals and **Evaluate** those enrichments for their success or suggested improvements

- **Apply** skills learned to demonstrate proficiency in suture techniques, drug dose calculations, and other clinical skills
- **Apply** veterinary Spanish for a clinic setting and practice using Spanish to communicate with patient owners about animal care and health

Recommended Textbooks and Other Materials:

- **You are not required to purchase these texts on your own. All required texts, research articles and information will be provided in class.**
- Loop Abroad's: Companion Animal Veterinary Medicine Workbook
- Loop Abroad's: Conservation of Rainforest Wildlife Workbook
- Optional: *Spanish for Veterinarians: A Practical Introduction* (Frederick and Mosqueda, 2012)
- Materials for notes (notebook and/or laptop, writing utensils, etc.), wrist watch, snacks, refillable water bottle, insect repellent, and sunscreen.
- You will be asked to wear boots each day and in general to wear long-sleeved shirts and pants. Your clothes may get dirty or ripped.

Instructional Strategies:

Case Analysis	x	Library and Internet Research	x
Debate		Practice/drill	x
Discovery/Independent Research	x	Problem solving	x
Discussion/Questioning/Interviewing	x	Reading assignments	x
Experiential Learning	x	Role playing/simulation games	x
Field Experience	x	Service Learning	x
Group Presentation	x	Video/Audio Review and Critique	
Laboratory Experiences	x	Other	
Lecture	x		

Methods of Assessment: Your course grade will be determined as follows:

Abstracts		Participation	x
Attendance	x	Peer Evaluation	

Capstone Project		Portfolio	
Case Study		Portfolio Lab Performance	
Exams	x	Presentations	x
Group Projects	x	Professional Evaluation	x
Homework Assignments	x	Quizzes	
Internet Research		Research project	
Journaling		Other	
Lab Performance	x		
Oral/written review of literature			

Grading: Your course grade will be determined as follows:

Exam: 40%

Assignments: 40%

Class Participation: 10%

Lab Performance: 10%

Grading Scale/Distribution:

<u>Grade</u>	<u>Points</u>	<u>Grading Scale</u>
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D+	1.33	67-69
D	1.00	63-66
D-	0.67	62-60
F	0.00	below 60
U	0.00	

University Honor Code:

Each and every student of the University will adhere to the following Honor Code:

“I will not knowingly engage in any dishonorable behavior, cheat, steal, lie, or commit any act of plagiarism during any academic work, course, or endeavor. If I observe an act which I believe violates the University’s Honor Code, I may, at my discretion, report it to the appropriate personnel.”

Student Acknowledgement of University Honor Code:

“I acknowledge that I have fully complied or will comply with all aspects of the University’s Honor Code in submitting this work.”

Student Rights and Responsibilities Statement, Article VIII-Academic Integrity:

<http://catalog.findlay.edu/en/current/Undergraduate-Catalog/Student-Rights-and-Responsibilities-Statement/VIII-Academic-Integrity>

University Diversity Statement:

As part of our commitment to achieve excellence, the University of Findlay values and actively promotes a welcoming and supportive environment that honors the many aspects of diversity. We aspire to foster acceptance of, respect for, and appreciation of all persons in our campus community. We celebrate our commonalities and unique differences, and we acknowledge that diversity broadens learning, stimulates creativity, promotes the exchange of ideas, and prepares our students for meaningful lives and productive careers.

Course Policies and Practices:

Attendance and Participation Policy

Students are expected to attend all class meetings for which they are registered. This is regarded as a matter of individual student responsibility. The only excused reasons for absences will be illness that impairs ability to attend and function within the classroom setting or an unavoidable personal emergency.

Students are expected to attend all class sessions on all days of class. It will be the responsibility of the student to contact the course instructor or site director, preferably before the absence, to provide the appropriate documentation and verification for the reason for the absence, and to make arrangements with the course instructor for missed work. Students are responsible for all missed class material. Students may be subject to limited participation in hands-on practice at the instructor’s discretion if they have missed the underlying material needed to safely perform the task at hand.

Final Exam Date: Session 1: May 27; Session 2: June 10; Session 3: June 24; Session 4: July 8; Session 5: July 22

Special Services: If you are a student with a disability, it is your responsibility to inform your instructor and register with the Office of Disability Services (ods@findlay.edu) at least one week prior to a needed service so reasonable accommodations can be made.

Course and Instructor Evaluation: Each student is expected to complete the course and instructor evaluation which is sent electronically to the student by the Office of the Registrar. The electronic notification comes in the form of an e-mail from the UF Registrar's Office with the following subject line: Online survey for the designated course (e.g., BIOL 102).

Last Date of Attendance Policy: Instructors are required to indicate the last known date of attendance when a final grade of "F" or "U" is assigned to a student.

Tentative Course Outline:

This course will take place at a Loop Abroad host organization that focuses on rainforest species. We will use the classroom, veterinary lab, and the facility itself for lectures, labs, hands-on practice, research, and small group activities.

Below are possible Lectures, Labs and Activities that will vary by location and host organization.

Lectures:

- Birds (Taxonomy, Anatomy, Physiology, Physical Examination, Health Care)
- Wildlife Behavior and Enrichment
- Animal Behavior Observations
- The Physical Examination
- Capture, Restraint and Handling
- Rainforest Mammals (Taxonomy, Anatomy, Physiology, Physical Examination, Health Care)
- Veterinary Diagnostics and Therapies
- Introduction into Suture Patterns and Hematology
- Reptiles (Taxonomy, Anatomy, Physiology, Physical Examination, Health Care)
- Internal and External Parasites
- Wildlife Immobilization
- Wildlife Necropsies
- Zoonotic Disease
- Nutrition for Wild Animals in Captivity
- Ethics and Animal Welfare
- Companion Animal Medicine

Labs and Activities:

- Behavioral Observations
- Creating Ethograms and Resource Maps
- Implementing Enrichments
- Physical Examinations
- Hematology Lab
- Suturing Practice
- Fecal Float Cytology and Parasite Identification
- Immobilization Workshop
- Blow Dart making and Target Practice
- Conservation in Action Workshop
- Nutrition Case Analysis
- Bandaging Lab
- Necropsies
- Clinical Skills Practice (Injections, Catheter Placement, Venipuncture)
- Restraint and Handling Lab
- Preparing and delivering animal meals
- Enclosure Care
- Veterinary Shadowing
- Companion Animal Outreach