

The University of Findlay

Fall 2022

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

Course Number: ANSC456: South African One Health Concepts in Action

Credit Hours: 3

Class Time/Place: Loop Abroad South Africa; Fall 2022

Prerequisites, Co-requisites and Course Description: This course takes place in South Africa at several of Loop Abroad's partner organizations. It is part of Loop Abroad's South Africa Wildlife Semester Abroad program. During this course, students will learn about the application of medicine, veterinary medicine and public health in conserving our planet.

Instructor: Erica Ward, DVM

Instructor Contact Information: erica@loopabroad.com; (617) 412-1743

Office Hours: upon request

Course Objectives:

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

- **Understand** the concept of One Health and the role of One Health in community and international health
- **Understand** the environment as a common space for health and diseases for both humans and animals
- **Understand** common health challenges shared between humans and animals
- **Understand** the roles of human veterinary medicine in ensuring that zoonotic and anthroponotic diseases are controlled.
- **Apply** the principles of food safety as it applies to food from animal origin
- **Analyze** the collaboration between human and veterinary medicine
- **Analyze** the environmental impact of livestock operations
- **Analyze** the concepts of animal welfare in public health
- **Evaluate** prevention and control strategies for zoonotic disease

Required Textbooks and other materials: All textbooks and readings will be provided during the course.

Introduction to One Health: An Interdisciplinary Approach to Planetary Health, Sharon L. Deem et al., 1st Edition, ISBN-10: 1119382866.

Beyond One Health: From Recognition to Results, John A. Herrmann and Yvette J. Johnson-Walker, 1st Edition, ISBN-10: 9781119194491.

Instructional Strategies:

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

Methods of Assessment:

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

Grading: Your course grade will be determined as follows:

Exam: 35%

Assignments: 35%

Class Participation and Performance: 30%

Grading Scale/Distribution:

Grade	Points	Grading Scale
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 the 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: March 21st, 2022

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: Friday, March 13th, 2020

Tentative Course Outline:

Date	Topic
Monday	Lecture: Introduction to the One Health Concept Volunteer/Lab Activities
Tuesday	Lecture: Emerging Infectious Diseases Lecture: Zoonotic and Anthroponotic Diseases Volunteer/Lab Activities
Wednesday	Lecture: Human-Animal Bond Lecture: One Health: One Welfare Volunteer/Lab Activities
Thursday	Lecture: Special Topics: TBA Volunteer/Lab Activities
Friday	Lecture: Spay Neuter/ Health Clinic Preparedness Volunteer/Lab Activities
Saturday	Spay/Neuter/Health Clinic Volunteer/Lab Activities
Sunday	Day Off
Monday	Lecture: Disease Surveillance, Informatics, and Disaster Preparedness Volunteer/Lab Activities
Tuesday	Lecture: Food and Water Safety Lecture: Environmental Health Volunteer/Lab Activities
Wednesday	Lecture: International Health and Translational Medicine Lecture: Policy, Education, and Conclusions Volunteer/Lab Activities

Thursday	Lecture: Exam Review Volunteer/Lab Activities
Friday	Exam Volunteer/Lab Activities