Wildlife Nutrition Training Course

Professional Development Training Course Outline

Category	Wildlife Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Wildlife nutrition plays a vital role in promoting biodiversity, enhancing conservation strategies, and ensuring the health of both captive and free-ranging species. Wildlife Nutrition Training Course provides participants with cutting-edge knowledge, research-based practices, and sustainable feeding techniques that improve animal welfare and ecological balance. The program focuses on integrating nutritional science with wildlife management to optimize growth, reproduction, immunity, and longevity. Through this training, learners will gain advanced insight into species-specific diets, feed formulation, and the ecological impact of nutrition on wildlife populations.

The training offers an interactive platform designed to connect conservationists, veterinarians, researchers, zookeepers, and wildlife managers to modern nutritional approaches. By incorporating practical field experiences, case studies, and emerging innovations in wildlife nutrition, the course empowers participants to apply evidence-based feeding strategies. It emphasizes the significance of sustainable diets, food-chain ecology, animal health monitoring, and the role of nutrition in wildlife rehabilitation and conservation.

This course focuses on equipping professionals with actionable strategies to balance ecological integrity with economic development. Participants will gain an understanding of ecosystem services, carbon accounting, natural resource valuation, and environmental policy analysis. The program emphasizes critical thinking, innovative solutions, and scenario-based learning to foster leaders capable of implementing sustainable economic practices while minimizing ecological footprints. Upon completion, learners will be prepared to make informed decisions that contribute to both organizational growth and environmental sustainability.

Participants will gain a deeper understanding of economic tools such as Payment for Ecosystem Services (PES), green taxation, subsidies reform, and carbon credit trading, while also learning about practical applications through global case studies. This course integrates trending concepts like climate finance, natural capital accounting, and sustainable livelihoods to equip participants with relevant knowledge and strategies for implementing economic incentives in conservation projects.

Programme Curriculum

Wildlife Nutrition Training Course

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Course Objectives

1. Understand the fundamentals of wildlife nutrition science.
2. Explore nutritional requirements for diverse wildlife species.
3. Examine sustainable feeding strategies in conservation projects.
4. Identify nutrient deficiencies and related wildlife health challenges.
5. Analyze nutritional interventions for endangered species recovery.
6. Gain practical skills in wildlife feed formulation.
7. Study the ecological role of nutrition in ecosystem balance.
8. Investigate nutrition-based disease prevention in wildlife populations.
9. Apply wildlife nutrition in captive management and rehabilitation.
10. Evaluate advanced wildlife diet analysis techniques.
11. Enhance knowledge of biodiversity through nutritional strategies.
12. Utilize data-driven approaches to improve animal feeding programs.
13. Integrate nutrition management in wildlife conservation policies.

Organizational Benefits

- Enhanced conservation program outcomes through evidence-based nutrition.
- Increased success rates in wildlife rehabilitation projects.
- Improved breeding and reproduction programs in managed species.
- Reduced animal mortality due to better nutritional practices.
- Strengthened organizational capacity for biodiversity conservation.
- Access to modern wildlife nutrition frameworks and case studies.
- Development of in-house wildlife nutrition expertise.
- Elevated organizational reputation in sustainable conservation.
- Increased efficiency in captive and free-ranging animal care.
- Long-term ecological benefits from informed wildlife management.

Target Audiences

- Wildlife conservation organizations

- Zoo and aquarium staff
- Veterinarians and animal health professionals
- Wildlife researchers and ecologists
- Government and NGO conservation officers
- Environmental education trainers
- Wildlife rehabilitation centers
- University students in zoology, biology, and environmental science

Course Duration: 5 days

Course Modules

Module 1: Introduction to Wildlife Nutrition

- Principles of animal nutrition
- Importance of nutrition in wildlife conservation
- Species-specific feeding adaptations
- Nutritional stress factors in wildlife
- Role of nutrition in animal welfare
- Case Study: Nutritional challenges in African elephants

Module 2: Nutritional Requirements of Wildlife Species

- Macronutrient needs in carnivores, herbivores, and omnivores
- Micronutrient importance in reproduction and immunity
- Seasonal variations in dietary needs
- Feeding behavior and food selection
- Nutrient metabolism in wildlife
- Case Study: Protein-energy balance in big cats

Module 3: Wildlife Feed Formulation

- Feed composition analysis
- Use of natural and artificial supplements
- Sustainable sourcing of feed materials
- Balancing rations for optimal growth
- Tools for diet formulation
- Case Study: Feed formulation for captive primates

Module 4: Wildlife Nutrition in Captive Management

- Dietary planning for zoos and sanctuaries
- Monitoring food intake and body condition
- Feeding enrichment strategies
- Nutrition-related diseases in captivity
- Water quality and availability in captivity
- Case Study: Nutritional enrichment in zoo elephants

Module 5: Nutrition and Wildlife Rehabilitation

- Nutritional support in injured wildlife recovery
- Feeding techniques for orphaned animals

- Transition diets for rehabilitation
- Monitoring health improvements through diet
- Challenges in reintroducing rehabilitated wildlife
- Case Study: Hand-rearing orphaned rhinos

Module 6: Wildlife Nutrition in Field Conservation

- Forage analysis for free-ranging wildlife
- Habitat management for natural food sources
- Nutritional ecology of wild populations
- Monitoring wildlife feeding behavior
- Community engagement in conservation nutrition
- Case Study: Grazing ecology in wildebeest populations

Module 7: Nutrition and Wildlife Health

- Nutrition in disease prevention and resistance
- Impact of malnutrition on wildlife immunity
- Role of minerals and vitamins in health
- Stress-nutrition interactions in wildlife
- Feeding strategies for disease-prone species
- Case Study: Micronutrient deficiency in birds of prey

Module 8: Innovations in Wildlife Nutrition

- Technology in diet monitoring and tracking
- Use of GIS in food source mapping
- Advances in animal feed supplements
- Data analytics in wildlife nutrition research
- Emerging global trends in wildlife feeding
- Case Study: Use of drone technology in wildlife feeding studies

Training Methodology

- Interactive lectures with multimedia presentations
- Practical demonstrations of feed formulation
- Group discussions and problem-solving exercises
- Field visits and observational learning
- Case study analysis and role-play simulations
- Hands-on workshops with species-specific diets

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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