The Biology and Conservation of Large Carnivores 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

The Biology and Conservation of Large Carnivores Training Course is designed to equip professionals, researchers, and conservation enthusiasts with critical knowledge and practical skills required to manage and protect apex predators. Large carnivores such as lions, tigers, leopards, wolves, and bears play a crucial role in maintaining ecosystem balance. However, these species face increasing threats from habitat fragmentation, human-wildlife conflict, climate change, and poaching. This specialized training integrates cutting-edge research, field-based methodologies, and conservation strategies to develop participants?ÇÖ expertise in sustainable carnivore management.

This course emphasizes the ecological importance of large carnivores, human dimensions of wildlife conservation, and policy frameworks that support coexistence. Participants will gain hands-on skills in habitat analysis, population monitoring, conflict mitigation, and adaptive management. By the end of this course, learners will be able to design, evaluate, and implement scientifically driven conservation programs that foster biodiversity protection while addressing socio-economic challenges.

Programme Curriculum

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Course Objectives

1. Understand the ecological roles and significance of large carnivores in ecosystems.
2. Analyze threats such as habitat loss, illegal hunting, and climate change impacts.
3. Apply advanced techniques in population monitoring and data collection.
4. Explore strategies for mitigating human-wildlife conflict.
5. Examine conservation genetics for carnivore populations.
6. Evaluate global and regional policy frameworks supporting carnivore conservation.
7. Design evidence-based carnivore conservation projects.
8. Implement community engagement and awareness programs.
9. Explore the use of technology such as camera traps, drones, and GIS tools.
10. Conduct field assessments of carnivore habitats.
11. Assess the role of captive breeding and rewilding programs.
12. Enhance leadership and advocacy in conservation policy.
13. Strengthen interdisciplinary collaboration in wildlife management.

Organizational Benefits

1. Improved staff expertise in biodiversity management.
2. Strengthened institutional capacity for wildlife monitoring.
3. Enhanced partnerships with conservation organizations.
4. Access to updated global research and conservation tools.
5. Increased visibility in conservation networks.
6. Ability to integrate community-based conservation approaches.
7. Strengthened compliance with global biodiversity policies.
8. Improved risk management of human-wildlife conflict.
9. Access to practical methodologies for sustainable programs.
10. Contribution to long-term ecosystem resilience and biodiversity goals.

Target Audiences

1. Wildlife biologists
2. Conservation managers
3. Environmental policy makers
4. Park rangers
5. NGO staff in biodiversity programs
6. Academic researchers
7. Graduate students in ecology and conservation
8. Community-based conservation practitioners

Course Duration: 5 days

Course Modules

Module 1: Introduction to Large Carnivore Ecology

- Understanding ecological significance
- Predator-prey dynamics
- Habitat requirements
- Keystone species concept
- Ecosystem services of carnivores
- Case study: Wolves in Yellowstone

Module 2: Threats to Large Carnivores

- Habitat loss and fragmentation
- Poaching and illegal wildlife trade
- Climate change effects
- Human-wildlife conflicts
- Disease outbreaks in carnivore populations
- Case study: Tigers in India

Module 3: Population Monitoring and Research Methods

- Camera trap deployment
- Radio telemetry techniques
- Non-invasive genetic sampling
- Drone and satellite monitoring
- Data analysis for population trends
- Case study: Leopards in Africa

Module 4: Conservation Genetics and Biodiversity

- Genetic diversity importance
- Inbreeding risks
- Genetic rescue strategies
- Molecular tools in conservation
- Conservation of genetic corridors
- Case study: Cheetahs in Namibia

Module 5: Human-Wildlife Conflict Mitigation

- Causes of conflict
- Livestock protection strategies
- Community engagement methods
- Compensation schemes
- Coexistence frameworks
- Case study: Lions in Maasai Mara

Module 6: Policy, Governance, and Legal Frameworks

- International wildlife treaties
- National conservation laws
- Protected area management
- Wildlife crime enforcement
- Community rights and governance

- Case study: Bears in Europe

Module 7: Technology in Carnivore Conservation

- GIS and spatial analysis
- Remote sensing applications
- Artificial intelligence for monitoring
- Mobile apps in field data collection
- Use of drones for habitat surveys
- Case study: Snow leopards in Himalayas

Module 8: Captive Breeding and Rewilding Programs

- Captive breeding principles
- Reintroduction strategies
- Genetic considerations
- Ethical concerns in rewilding
- Post-release monitoring
- Case study: Iberian lynx recovery

Training Methodology

- Interactive lectures with expert trainers
- Group discussions and peer learning
- Field-based practical sessions
- Hands-on use of technology and tools
- Real-world case study analysis
- Simulation exercises for conflict resolution

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

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com