



*Serving the Nature*

# **SUMMER SCHOOL IN WILDLIFE MANAGEMENT**

## **2<sup>nd</sup> to 13<sup>th</sup> JULY 2012, ZAGREB**

*This comprehensive course of Wildlife Management is developed to broaden the knowledge of undergraduate students in this rapidly developing and increasingly important field. School is organized by University of Zagreb Veterinary Faculty and is aimed at undergraduate students of European faculties of veterinary medicine. Partly, School can serve as introduction to future CPD (continuing professional development).*

### **Background**

Wildlife management is integrated multidisciplinary field that attempts to balance wildlife conservation and breeding with increasing demands of growing human population. In fact, wildlife management tools are laws implemented to protect and rebuild existing and damaged natural habitats. The main efforts of wildlife managers are directed toward suppression of loss of biodiversity, shaping of landscape to make it more suitable for wildlife, wildlife health monitoring, pollution monitoring, restocking and reintroduction of endangered and locally extinct species. Thousands of years of different positive and negative experiences have taught us difficult lessons



in managing human-animal, and wildlife-livestock interactions, which are to be transferred to a future generation of wildlife experts. Such specific training can serve as a base for establishment of more efficient wildlife management through CPD and achievement of excellence in this ever growing field.

## Training program

The aim of this 11 days program is to extend the level of standard education at veterinary faculties/universities focusing on certain parts of wildlife management field. Such



comprehensive and multidisciplinary approach to wildlife management is difficult to obtain within the regular curricula. Beside standard facilities this program requires conduction of filed works and background of specialized laboratories. Faculty of Veterinary Medicine, University of Zagreb has a long standing tradition in game management education starting from

the academic year 1958/1959. As a separate unit Department for Game Biology, Pathology and Breeding exists since 1989. The Faculty has necessary material, personnel and professional prerequisites to fulfil the objectives of the program. The field work will be carried out directly in open state hunting ground, fallow deer farm and pheasantry.



## Theoretical and practical education

Theoretical education will be carried out in facilities of Veterinary Faculty, and partly at field premises prior to the execution of practical work.



Theoretical part of education is aimed to prepare students for execution of practical work. It should provide fundamental knowledge about genetics, wildlife and game management, chemical immobilization, ecotoxicology, health monitoring and applied therapy. Special reference to wildlife management field for each mentioned topic will follow.

Practical part of training will follow theoretical classes and will be focused on DNA isolation, telemetry, deer farming, game management, chemical immobilization and health monitoring.

The teaching will be carried out by principal and associate lecturers in a group of 20 students maximum, allowing direct and individual work.

### Project organization

Summer School will be carried out in English language by experienced teachers from the Faculty of Veterinary Medicina, Forestry Faculty and Agricultural Faculty University of Zagreb, University of Hildesheim, University of Veterinary Medicine Košice, University of Ljubljana and ERICO Institute Slovenia.



## **Financial backing of the program**

For participating in Summer School in Wildlife Management registration fee is 100 Euros.

To participants from veterinary universities/faculties of Ljubljana, Vienna, Budapest, Košice, Brno, Wrocław, Sarajevo, Beograd, Skopje and Tirana we can offer limited number of CEEPUS mobility's (accommodation, food & pocket money).

## **Trips**

Field trips to Falconry Centre Šibenik, Open state hunting ground "Črnovšćak" and fallow deer farm "PZ Ergela Višnjica" are anticipated.

## **Conclusion**

Participants of the Summer School in Wildlife Management shall receive certificate of attending this specialized program.

### *Contact*

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**Date of commencement: from 2<sup>nd</sup> July to 13<sup>th</sup> July 2012 (first announcement)**

	Topic	Lecturers
Day 1. 02. July	<b>Genetics and gen. Statistics</b> Including: Species recognition, Human influence, Species conservation	TBA
Day 2. 03. July	<b>Wildlife Management</b> Including: Managing large carnivores – bear, wolf, lynx Evaluating signs of large carnivores on the killed prey	TBA
Day 3. 04. July	<b>Game Management</b> Including: Red, Fallow and Roe Deer, Free-living populations, Farming, Diseases	TBA
Day 4. 05. July	<b>Game Management</b> Including: Wild Boar, Brown Hare, Mouflon, Free-living populations, Damage and prevention, Cage breeding, Reintroduction	TBA
Day 5. 06. July	<b>Game Management – special applications</b> Including: Telemetry, Wildlife - vehicle collisions, Mitigation of permeability of highways, Video surveillance, Stress in wildlife	TBA
<b>WEEKEND</b> <b>Emergency hospital, falconry</b>		
Day 6. 09. July	<b>Capturing and chemical Immobilization</b> Including: Drugs, Dosages, Delivery methods, Complications, Practical application	TBA
Day 7. 10. July	<b>Ecotoxicology</b> Including: Sources of wildlife poisoning, Poisonous plants, Heavy metals, Teeth and antler alterations as bioindicators	TBA
Day 8. 11. July	<b>Comparative odontology and dental pathology; Health monitoring</b> Including: Teeth in animal kingdom, Dental pathology of wild mammals, Recognising the disease, Wildlife epidemiology,	TBA
Day 9. 12. July	<b>Health Monitoring</b> Interactions between wildlife and livestock, zoonoses	TBA

Day 10. 13. July	<b>Applied Therapy</b> Including: Administration methods, Modelling, Oral vaccination, practical applications – Fascioloidosis, Bot and Warble flies	TBA
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TBA – to be announced