

**CLASS OF MASTER DEGREE
WILDLIFE MANAGEMENT, CONSERVATION AND CONTROL (LM-86)
A.Y. 2020/2021**

GENERAL INFORMATION	
Class of degree	LM-86 Wildlife Management, Conservation and Control
Duration	2 years
Total CFU	120
Access	Open
Attendance	Not mandatory
Language	English
Address	Department of Veterinary Medicine, via Vienna 2, Sassari

MASTER'S DEGREE COORDINATOR: Prof. Marco Apollonio, email marcoapo@uniss.it, phone 079228667

DEPARTMENT OF VETERINARY MEDICINE DIRECTOR: Prof. Eraldo Sanna Passino, email vetpres@uniss.it, phone 079229403

DIDACTIC MANAGER: Dr. Renata Fadda, email rfadda@uniss.it, phone 079229402

STUDENTS FRONT OFFICE: Via del Fiore Bianco, email cssfiorebianco@uniss.it, phone 079 229881

WEBSITE: <http://www.uniss.it/wildlife>

CONTACT MAIL: wmcc@uniss.it

GOALS OF THE COURSE: The master course in WMCC is aimed at creating the professional figure of “wildlife manager”, with general skills in the field of wildlife management and conservation, complemented by technical and managerial skills on specific issues related to the sustainable management of terrestrial and aquatic faunal resources.

COURSE STRUCTURE: The course has a normal duration of 2 years, with the achievement of a total of 120 CFU (ECTS). Courses (held in the classroom and / or electronically) are expected to be prevalent in the first year and the rest in the first semester of the second year. The second semester of the second year is dedicated to the traineeship and the development of the MSc thesis. The MSc thesis consists of an elaborate, the result of original experimental work, or of a technical-applicative project concerning issues of science and environmental wildlife management.

REQUIREMENTS: The course is open to students possessing a bachelor degree and a sufficient background in some main disciplines. The following requirements are requested:

-English level B2

-Bachelor degree (or equivalent) in one of the following fields: Biological Science, Natural Science, Forestry Science, Zootechnical Science, Veterinary or similar;

-An academic background including a minimum of 36 ECTS credits in veterinary, biological or agronomical disciplines (for students with an Italian degree, sectors: VET/01, VET/02, VET/05, BIO/05, BIO/07, BIO/18, AGR/07, AGR/16);

-The student must provide a documentation (in Italian or English), proving the fulfillment of the requirements;

A committee evaluates, through a multiple-choice test, the background of the students in the following fields: anatomy and physiology, microbiology, zoology, ecology and genetics.

JOB PERSPECTIVES: Students graduating with a Master's Degree in Wildlife Management, Conservation and Control have career opportunities in all private and public positions requiring a solid expertise in wildlife biology and in the administration, management and conservation of wild animal resources. Graduates can typically find a job in a wide variety of wildlife-related institutions and enterprises such as:

-Public bodies responsible for conservation, planning and control of wildlife (e.g., parks, fish and wildlife agencies);

-Public structures dealing with public safety and health (veterinary services, food safety agencies, environmental risk agencies);

-Bodies responsible for managing the natural heritage;

-Companies, professional studios and private consortia engaged in the collection of wildlife data, in impact and strategic assessments, or in the planning of environmental restoration interventions;

-Public and private institutions engaged in teaching and in the dissemination of scientific culture (schools, university, education and training centers).

1° YEAR						
First semester						
TAF	SSD	SUBJECTS	CFU			Total CFU
			Lectures	Practices	Laboratory	
C	BIO/05	Wildlife Management	48 hours	16 hours		8
B	AGR/18	Wildlife Nutrition and Feeding	24 hours	16 hours	8 hours	6
C	BIO/05	Animal Conservation Genetics	32 hours	8 hours	8 hours	6
B	VET/10	Biotechnologies applied to Wildlife Reproduction	32 hours	16 hours		6
C	BIO/05	Ichthyology and Conservation of Fish Resources	24 hours	16 hours	8 hours	6

Second semester						
TAF	SSD	SUBJECTS	CFU			Total CFU
			Lectures	Practices	Laboratory	
B	VET/05	Microbial Infections and Control of Infectious Diseases	16 hours	16 hours	16 hours	6
B	AGR/01	Environmental Evaluation and Natural Capital	24 hours	24 hours		6
B	VET/06	Wildlife Parasitosis	40 hours	8 hours		6
F	L-LIN/12	English Language (Advanced)	16 hours	50 hours		6

2° YEAR						
First semester						
TAF	SSD	SUBJECTS	CFU			Total CFU
			Lectures	Practices	Laboratory	
B		Reintroductions and Other Conservation Translocations				
	VET/02	Stress and Animal Welfare	24 hours	16 hours	8 hours	6
	VET/02	Morphological and Physiological Adaptation to Environmental Changes	32 hours	24 hours	16 hours	9
C	BIO/05	Analyses of Animal Population Data	16 hours	32 hours		6
		Student Optional Activities				8

Second semester						
TAF	SSD	SUBJECTS				Total CFU
F		Traineeship				12
E		Master's Thesis				23
		- <i>Experimental Activity</i>				(16)
		- <i>Paper Preparation</i>				(4)
		- <i>Final Dissertation</i>				(3)

TOT. CFU 120

TAF LEGEND
B : Characterizing Activity
C : Related / Supplementary Activity
D : Elective Course
E : Master's thesis
F : Traineeship