



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Introducing

ANIMAL CARE AC

Dept. of Comparative Biomedicine and Food Science
University of Padova

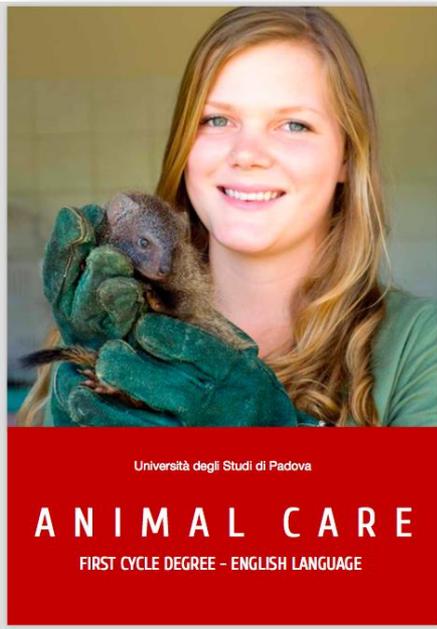
Bachelor degree program
in English (L-38)



Università degli Studi di Padova

ANIMAL CARE

FIRST CYCLE DEGREE - ENGLISH LANGUAGE



Outline

- 1-presentation of the course
- 2-admission requirements
- 3-study plan



Animal Care

The course aims at providing knowledge, skills and competences to develop qualified human resources, specialised in animal care, husbandry and welfare, able to operate in international different contexts.



Animal management

Animal handling, animal habitat management



Animal nutrition



**Food preparation and administration:
newborns, healthy and diseased animals**



Animal behavior and welfare

- Ethology
- Training and medical training
- Environmental enrichment
- Pain and stress management



Animal Care

Professional opportunities

- Zoo and aquatic parks
- Sanctuaries for animal rescue and rehabilitation
- Research center, private and public research laboratories



ACTIVITIES:

- care of wildlife in a controlled environment
- educational, research and preservation purposes
- coadjutor in support of veterinarians or experts in the monitoring and care of animals (for recreational, research, educational, sports and assistance activities)
- connect and integrate the actions promoted by more specialized professionals (veterinarian, biologist, zoologist, etc.) who work in the field of animal care.



Animal Care

Students enrolled: 35 (EU citizens) + 5 (non EU)

Delivered from October 2017

Admission requirements:

Multiple-choice test: 30 August 2017, 105 minutes

64 questions (only one answer correct): 35 biology*, chemistry*, mathematics°, physics°, English°; 29 general culture, logics

*Biology and chemistry: general knowledge

°Mathematics and physics: base level

°°English: B2-level (only as a level)



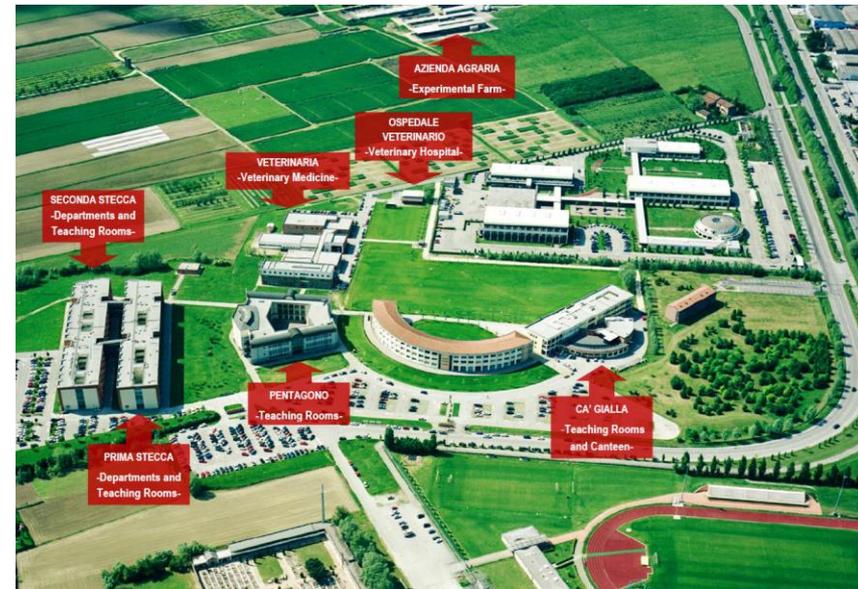
Animal Care

Agripolis University campus

Legnaro, Padova

Didactic activities

- Frontal lectures + seminars
- Labs + Practicals
- Traineeship



- Essentials of physics, mathematics, chemistry and biology
- General knowledge of animals sciences and veterinary disciplines
- 2 curricula: Lab Animals and Wild Animals

First year

Year 1 (56 CFU)					
Semester 1 (23 CFU)			Semester 2 (33 CFU)		
Bioethics and Legislation	<i>Bioethics</i>	6 CFU	Applied Mathematics and Physics	12 CFU	
	<i>Relevant Legislation and Animal Protection</i>	6 CFU			
Applied Chemistry and Biochemistry	11 CFU		Animal Biology and Genetics	<i>General Biology</i>	6 CFU
				<i>Applied Animal Genetics</i>	6 CFU
			Comparative Animal Anatomy	9 CFU	



Second year

Year 2 (60 + 2 CFU)			
Semester 3 (32 +2 CFU)		Semester 4 (28 CFU)	
Principles of Prevention and Control of Transmissible Animal Diseases	10 CFU	Basic Animal Nutrition and Feeding	6 CFU
Comparative Animal Physiology	8 CFU	General Concepts of Pharmacology	8 CFU
Physiological Basis of Pain, Suffering and Distress and General Ethology	6 CFU	General Pathology and Laboratory Techniques	6 CFU
Animal Husbandry and Welfare	8 CFU	Comparative Animal Reproduction, Neonatology and Breeding Techniques	8 CFU
Communication skills	2 CFU		



Third year lab animals curriculum

Year 3 (62 CFU)			
Semester 5* (32 CFU)		Semester 6 (30 CFU)	
Laboratory Animal Care in Clinical Settings and Pain Assessment	10 CFU	Free Elective	12 CFU
		Traineeship	12 CFU
Comparative pathology	8 CFU	Final Examination	6 CFU
Laboratory Animal Ethology and Welfare	8 CFU		
Statistics of Experimental Designs and the Three Rs Issues	6 CFU		

Third year wild animals curriculum

Year 3 (62 CFU)			
Semester 5* (32 CFU)		Semester 6 (30 CFU)	
Comparative Ecology and Ethology	10 CFU	Free Elective	12 CFU
Wild Animal Care in Clinical Settings	8 CFU	Traineeship	12 CFU
Principle of Post-Mortem Technics and Tissue Sampling	6 CFU	Final Examination	6 CFU
Wild Animal Husbandry, Management and welfare	8 CFU		

Labs+practicals+traineeship

Campus veterinary hospital, research companies, zoos, animal theme parks, animal sanctuaries and rehabilitation parks- Italy and abroad

Established connections:

Parco Natura Viva (VR-Italy)

Acquario di Genova (GE, Italy)

Sidney University (AUS)

Lincoln University (UK)

National parks: Abruzzo, Lazio e Molise





Choose a job you love, and you will never have to work a day in your life (Cor