

UNIVERSITY OF PADUA  
SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

800  
1222-2022  
ANNI



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

BACHELOR'S DEGREE IN

# ANIMAL CARE

Department of Comparative Biomedicine and Food Science



# AIMS

Develop qualified human resources,  
specialized in **animal care, husbandry and welfare**,  
operating in **international** contexts



# COURSES BY INTERNATIONAL INSTRUCTORS

Name	Country	Course
Tjalling Huisman	The Netherlands	Basics of Animal Nutrition and Feeding
Joseph Araujo	Canada	Phisiological basis of pain, suffering and distress
Marian Hu	Germany	Comparative Animal Physiology
David Modry	Czech Republic	Principles of prevention and control of transmissible animal diseases
Janos Gal	Hungary	Wild Animal Care In Clinical Settings
Ranieri Verin	UK	Comparative Pathology

# SEMINARS AND PRACTICALS BY INTERNATIONAL AND NATIONAL INSTRUCTORS

<b>Year</b>	<b>Country</b>	<b>Number</b>
2017	South Africa	1
2018	Poland, Czech Republic, Argentina, Sweden, South Africa	6
2019	Australia, USA, Germany, UK, Austria, Czech Republic, The Netherlands	8*

<b>Year</b>	<b>Country</b>	<b>Number</b>
2018	Italy	3
2019	Italy	15

# CAREER OPPORTUNITIES

## ZOOS, WILDLIFE AND ACQUATIC PARKS

A zookeeper manages the care of animals kept in captivity for conservation or to be displayed to the public.



## SANCTUARIES

Professionals in charge of the rescue, rehabilitation and release of wildlife, and providing a permanent, individualized and species-specific care to those that cannot be re-introduced in nature.



## PRIVATE AND PUBLIC RESEARCH FACILITIES

A laboratory animal technician monitors and takes care of the wellbeing of animals kept in lab enclosures, participates in research, connecting and integrating the work of other professionals, and ensuring the respect of the guidelines of the National and European laws.



# WHAT TO STUDY NEXT

## MASTER'S DEGREES AT THE UNIVERSITY OF PADUA

Marine Biology

Evolutionary Biology

Food biotechnology

## MASTER'S DEGREES IN OTHER ITALIAN UNIVERSITIES

Animal conservation

Animal ethology

Biomedical science

Animal science

## MASTER'S DEGREES IN EUROPE OR OVERSEAS

<https://www.findamasters.com/>

<https://www.mastersportal.com/>

<https://www.masterstudies.com/Masters-Degree/>



# WHEN AND WHERE

**START DATE:** October 2020

**DURATION:** 3 years (180 ECTS)

**LOCATION:** AGRIPOLIS CAMPUS, LEGNARO (PD), ITALY  
+ Valcorba (PD) and Cappeller (VI) Zoos, Italy  
+ Aptuit (VR) and La Collina dei Conigli (MB), Italy  
+ 3<sup>rd</sup> year traineeship locations worldwide



# HOW TO ENROLL

[unipd.it/en/animal-care](http://unipd.it/en/animal-care)

## APPLICATION

33 seats available for EU citizens

10 seats available for non-EU citizens

1<sup>st</sup> Call: 7<sup>th</sup> January - 7<sup>th</sup> March 2020

2<sup>nd</sup> Call: April – June 2020 (*if places are available*)

3<sup>rd</sup> Call: July 2020 (*if places are available*)

Application-fee: € 30 (*non-refundable*)

**WWW.APPLY.UNIPD.IT**

## ENTRY REQUIREMENTS\*

### Mandatory:

- Secondary studies diploma (or equivalent) *if already available*
- TOR of the last two years of high school
- Skype interview

### Optional:

- SAT score report
- English: B2 level
- CV

\*For details see the admission notice

# WHAT WILL YOU LEARN

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## 1<sup>st</sup> YEAR - 56 credits

- Applied Mathematics and Physics
- Applied Chemistry and Biochemistry
- Bioethics and Legislation
- Animal Biology and Genetics
- Comparative Animal Anatomy

## 2<sup>nd</sup> YEAR - 62 credits

- Animal Anatomy and Physiology
- Behavioral Neuroscience; Communication skills
- Animal Husbandry and Welfare
- Nutrition and feeding; General pathology
- Animal reproduction, neonatology and breeding
- Prevention and Control of Animal diseases



# 3<sup>rd</sup> YEAR: CHOOSE YOUR STUDY PLAN\*

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## WILD AND ZOO ANIMALS

- Ethology and ecology
- W&Z Animals care in clinical settings
- Post-mortem techniques and tissue sampling
- W&Z Animals husbandry, management and welfare

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## ANIMALS IN SCIENTIFIC RESEARCH

- Animal care in research clinical settings
- Comparative pathology
- Husbandry, ethology and welfare
- Experimental design and statistical analysis

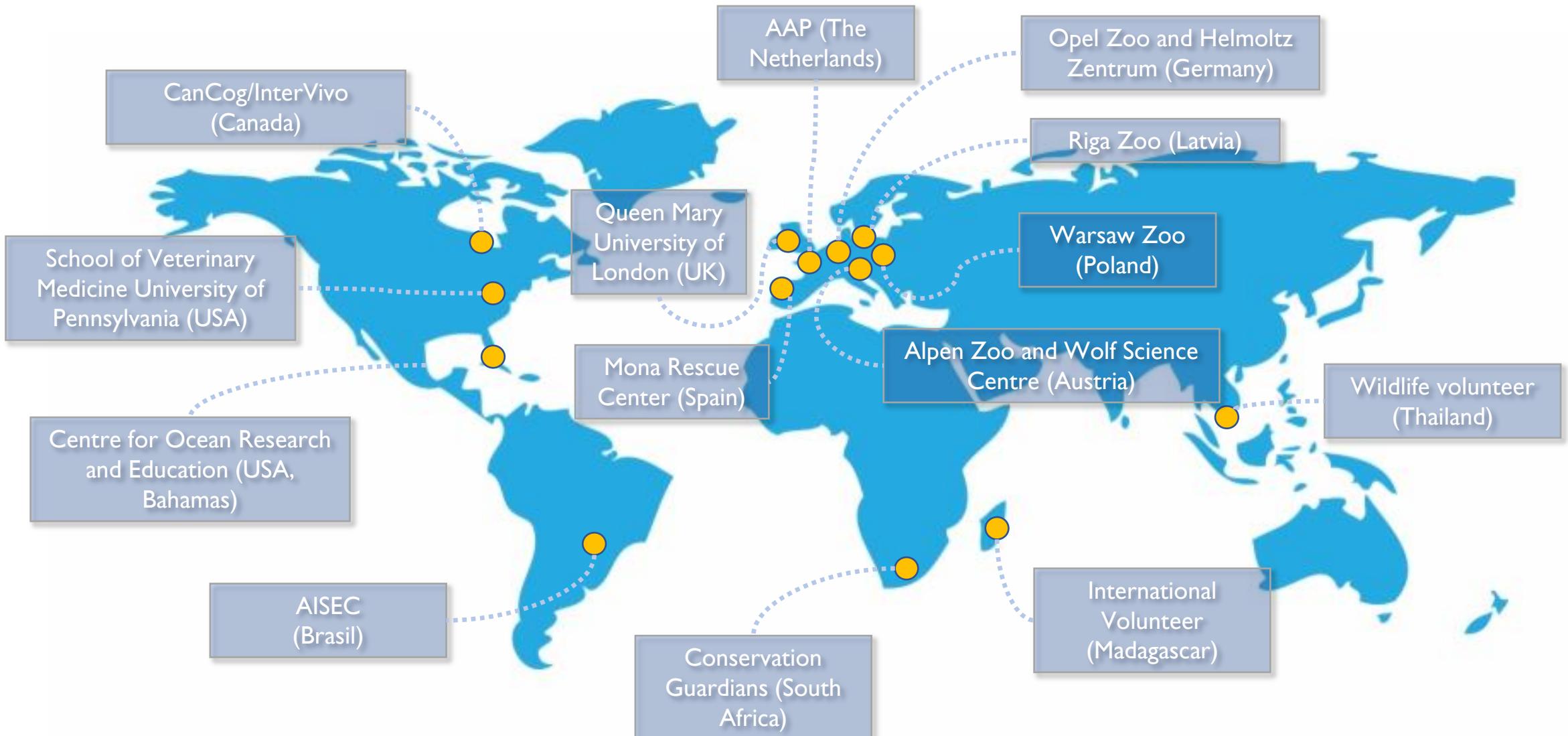
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## AQUATIC ANIMALS

- Aquatic animal care in clinical settings
- Post mortem investigations and biomolecular techniques
- Aquatic animals management, ecology and ethology
- Experimental design and statistical analysis

# 3<sup>rd</sup> YEAR: TRAINEESHIP – ABROAD

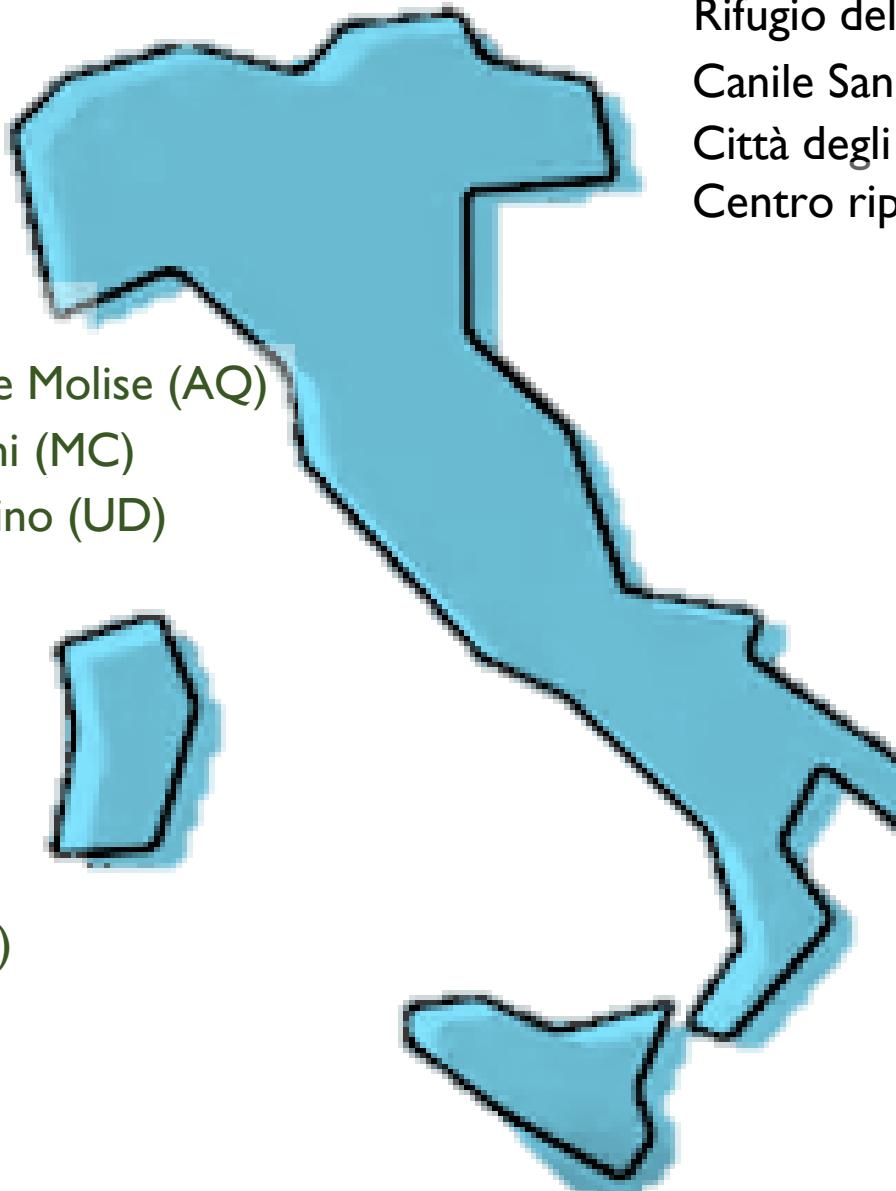
12 CFU\*



# 3<sup>rd</sup> YEAR: TRAINEESHIP – ITALY

12 CFU\*

Parco Naturale Paneveggio (TN)  
Parco Nazionale Abruzzo, Lazio e Molise (AQ)  
Parco Nazionale dei Monti Sibillini (MC)  
Riserva naturale del lago di Cornino (UD)  
Parco Zoo Punta Verde (UD)  
Zoo di Pistoia (PT)  
Safari Ravenna (RA)  
Parco Natura Viva (VR)  
Zoom di Torino (TO)  
Parco Faunistico Le Cornelle (BG)  
Parco Faunistico Valcorba (PD)  
Parco Faunistico Cappeller (VI)



Rifugio del cane val di maso (PD)  
Canile Sanitario USL 6 (PD)  
Città degli asini (PD)  
Centro riproduzione equina Villafranca (PD)

Centro recupero animali selvatici (CN)  
Centro di recupero fauna selvatica Semproniano (GR)  
Centro Tutela e Ricerca Fauna Esotica e Selvatica – Monte Adone (BO)  
Centro di recupero animali Otus (BO)  
Acquari e delfinari Costa Edutainment (GE, LI)  
Avantea (CR)  
Aptuit (VR)  
Collina dei conigli (MB)

# CONTACTS

## EMAIL

[cdl.animalcare@unipd.it](mailto:cdl.animalcare@unipd.it)

## CHAT

WITH ANIMAL CARE STUDENTS: [www.bca.unipd.it/en/animal-care](http://www.bca.unipd.it/en/animal-care)

STUDENT VULNERABILITY AND DISABILITY: [www.bca.unipd.it/en/inclusion-and-disability](http://www.bca.unipd.it/en/inclusion-and-disability)

## WEB

[www.unipd.it/en/animal-care](http://www.unipd.it/en/animal-care)

[www.agrariamedicinaveterinaria.unipd.it/en/animal-care-1](http://www.agrariamedicinaveterinaria.unipd.it/en/animal-care-1)