



## ERASMUS PROGRAMME – KEY ACTION 1 CALL - BLENDED INTENSIVE PROGRAMME

The Rabbit: Livestock Animal, Pet, and Experimental Model - **A.A. 2023/24**

### 1. BLENDED INTENSIVE PROGRAMME

The Erasmus Blended Intensive Programme (BIP) is a new short-term intensive mobility option envisaged by the new Erasmus+ 2021-2027 programme. Using innovative teaching and learning approaches, it offers an international experience that combines short-term physical mobility with a mandatory virtual component.

### 2. DESCRIPTION

Blended Intensive programme - Titolo	The Rabbit: Livestock animal, Pet, and Experimental Model
Academic Tutors	Istanbul University Cerrahpasa (IUC) – prof. Erman Or Università degli Studi di Milano – Dipartimento di Medicina Veterinaria e Scienze Animali – Prof. Gabriele Brecchia Universitat Politecnica de Valencia (UPV) – School of Agricultural and Environment – Prof. Juan Josié Pascual Amoros University of Agronomic Sciences and Veterinary Medicine of Bucharest (USAMV) – prof. Gheorghe Emil Marginean
Department	Dipartimento di Medicina Veterinaria e Scienze Animali
Courses	Laurea magistrale in Scienze e tecnologie delle produzioni animali (LM-86)
Number of participants	<b>20 studenti di cui 5 studenti</b> dell'Università degli Studi di Milano (5 per ogni Istituzione)
Partner	Università degli Studi di Milano, Dipartimento di Medicina Veterinaria e Scienze Animali (UNIMI) University of Agronomic Sciences and Veterinary Medicine di Bucharest (USAMV) University Cerrahpasa, Faculty of Veterinary Medicine di Istanbul (UCI) Universidad Politecnica de València (UPV).
Period	Virtual activities: 19 febbraio – 7 giugno 2024 (56 ore) Break from 25/03/2024 to 23/04/2024  19/02/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione <b>UNIMI</b> (3 ore) 23/02/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione <b>UNIMI</b> (2 ore) 26/02/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione <b>UNIMI</b> (3 ore) 1/03/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione <b>UNIMI</b> (2 ore) 4/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione <b>UNIMI</b> (3 ore)



8/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UPV** (2 ore)  
11/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **USAMV** (3 ore)  
15/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UPV** (2 ore)  
18/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **USAMV** (3 ore)  
22/03/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UPV** (2 ore)

Break from 25/03/2024 to 23/04/2024

26/04/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UPV** (2 ore)  
29/04/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **USAMV** (3 ore)  
3/05/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UPV** (2 ore)  
6/05/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **USAMV** (3 ore)  
10/05/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UPV** (2 ore)  
13/05/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **USAMV** (2 ore) + **UCI** (1 ora)  
17/05/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UPV** (2 ore)  
20/05/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UCI** (3 ore)  
24/05/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UCI** (2 ore)  
27/05/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UCI** (3 ore)  
31/05/2024 – time 9-11 (UNIMI, UPV), 10-12 (USAMV) e 11-13 (UCI) – lezione **UCI** (2 ore)  
3/06/2024 - time 9-12 (UNIMI, UPV), 10-13 (USAMV) e 11-14 (UCI) – lezione **UCI** (3 ore)  
7/06/2024 - time 9-10 (UNIMI, UPV), 10-11 (USAMV) e 11-12 (UCI) – lezione **UNIMI** (1 ora)

Summer school (physical mobility) 30/06 – 11/07/2024

Sunday 30/06/2024 Arrivo

Monday 01/07/2024 h 9-13

Tuesday 02/07/2024 h 9-13

Wednesday 03/07/2024 h 9-13



	Thursday 04/07/2024 h 9-13 Friday 05/07/2024 h 9-13 Saturday 06/07/2024 – free time Sunday 07/07/2024 – free time Monday 08/07/2024 h 9-13 Tuesday 09/07/2024 h 9-13 Wednesday 10/07/2024 h 9-13 Thursday 11/07/2024 Departure
Length of virtual mobility period	<b>56 hours (12 weeks)</b>
D Length of in-person activities	<b>8 giorni (4 ore/giorno) 2 viaggio e due festivi</b>
Location	University of Milan
credits	9
Descrizione	(Italian) Lezioni – 7 ECTS (1ECTS/8h = 56 ore)  UNIMI • Introduzione al corso, informazioni generali e modalità di esame; Origine del coniglio e tassonomia e fisiologia generale (3h) • Fisiologia dell'apparato digerente (intestino, fegato e pancreas) (2 ore) • Fisiologia riproduttiva della femmina (3 ore) • Cicli riproduttivi e inseminazione artificiale (2 ore) • Fisiologia riproduttiva del maschio (3 ore) • Comportamento e benessere (Comportamento e benessere) (1 ora)  UPV • Alimentazione del coniglio (2 ore) • Biotecnologie nell'alimentazione dei conigli (2 ore) • Biotecnologie nell'alimentazione dei conigli (2 ore) • Biotecnologie della riproduzione del coniglio (2 ore) • Biotecnologie della riproduzione del coniglio (2 ore) • Genetica del coniglio (2 ore) • Biotecnologie della genetica del coniglio (2 ore)  USAMV • Informazioni generali sulle malattie infettive dei conigli (2 ore) • Malattie infettive dell'apparato digerente del coniglio (3 ore) • Malattie infettive dell'apparato respiratorio del coniglio (2 ore) • Malattie infettive dell'apparato riproduttivo del coniglio (3 ore) • Malattie parassitarie generali (in particolare della pelle e dell'orecchio) e del sistema gastro-intestinale (3 ore) • Gestione sanitaria nell'allevamento di conigli (1 ora)  UCI • Manipolazione ed esame clinico del coniglio (3 ore)



- Prelievo di sangue, urina e tessuti (2 ore)
- Malattie mediche comuni dei conigli (3 ore)
- Test diagnostici per conigli (2 ore)
- Procedure diagnostiche comuni nei conigli (ecografia, raggi X, ecc.) (3 ore)
- Farmaci sicuri/non sicuri per i conigli (1 ora)

Scuola estiva - 2 ECTS (1 ECTS/16 ore = 32 ore)

Domenica: arrivo e sistemazione

Lunedì: manipolazione, prelievo del sangue e inserimento del catetere

Martedì: prelievo e valutazione dello sperma (analisi)

Mercoledì: visita ad un allevamento di conigli

Giovedì: valutazione BCS, valutazione del grasso perirenale, valutazione della composizione corporea mediante apparecchiatura di bioimpedenza, ricettività e AI

Venerdì: esame clinico, raccolta delle urine

Sabato: libero

Domenica: libera

Lunedì: Sacrificio e prelievo di organi

Martedì: raccolta degli embrioni e raccolta del cervello (ipotalamo e ipofisi)

Mercoledì: visita ad un allevamento di conigli

Giovedì: partenza

(English)

Lessons – 7 ECTS (1ECTS/8hs = 56 hours)

#### UNIMI

- Introduction to the course general information and modality of examination; Origin of the rabbit and taxonomy and general physiology (3hs)
- Physiology of the digestive system (gut, liver and pancreas) (2 hs)
- Reproductive physiology of the female (3 hs)
- Reproductive cycles and artificial insemination (2 hs)
- Reproductive physiology of the male (3 hs)
- Behavior and welfare (Behavior and welfare) (1 hour)

#### UPV

- Rabbit feeding (2 hs)
- Biotechnology in rabbit nutrition (2 hs)
- Biotechnology in rabbit nutrition (2 hs)
- Biotechnology of rabbit reproduction (2 hs)
- Biotechnology of rabbit reproduction (2 hs)
- Rabbit genetics (2 hs)
- Biotechnology of rabbit genetics (2 hs)

USAMV



- General information on the infectious diseases of rabbit (2 hs)
- Infectious diseases of digestive system of rabbit (3 hs)
- Infectious diseases of the respiratory system of rabbit (2 hs)
- Infectious diseases of reproductive system of rabbit (3 hs)
- General parasitic diseases (particular of skin and ear) and gastrointestinal system (3 hs)
- Sanitary management in the rabbit farm ( 1hour)

UCI

- Handling and clinical examination of rabbit (3 hs)
- Blood, urine and and tissues sampling (2 hs)
- Common medical diseases of rabbit (3 hs)
- Diagnostic testing for rabbits (2 hs)
- Common diagnostic procedures in rabbit (ultrasound, X-ray, etc) (3 hs)
- Safe/unsafe medication for rabbits (1 hour)

Summer school - 2 ECTS (1 ECTS/16hs = 32 hs)

Sunday: arrival and accommodation

Monday: Handling, blood collection and catheter insertion

Tuesday: Semen sampling and semen evaluation (analysis)

Wednesday: visit a rabbit farm

Thursday: BCS evaluation, perirenal fat evaluation, evaluation of the body composition using bioimpedance equipment, receptivity and AI

Friday: Clinical examination, urine collection

Saturday: free

Sunday: free

Monday: Sacrifice and organs collection

Tuesday: embryos collection and brain collection (hypothalamus and pituitary)

Wednesday: visit a rabbit farm

Thursday: Departure

### 3. WHO CAN APPLY

Application requirements are listed below:

1. Being regularly enrolled at the University of Milan for the 2023/2024 academic year, in Animal Husbandry Sciences and Technologies (LM-86) - English proficiency: minimum B2
2. Being current with tuition and fee payments
3. Not being a recipient of any other EU grant for stays abroad that overlap, even partially, with the BIP Erasmus+ period



#### 4. APPLICATION

To apply, register on the elixForms platform by 2 pm on February 9th, h. 2 pm

[https://elixforms.unimi.it/rwe2/module\\_preview.jsp?MODULE\\_TAG=studenti\\_domanda\\_erasmus\\_BIP\\_20232024](https://elixforms.unimi.it/rwe2/module_preview.jsp?MODULE_TAG=studenti_domanda_erasmus_BIP_20232024)

The following documentation is required:

- 1) A paragraph explaining the reasons for the application in relation to the BIP's learning objectives (to be entered in the appropriate field of the online application form);
- 2) Signed CV and copy of ID (PDF/A file; max 5 MB);
- 3) Self-certified transcript of records (to be printed from Unimia as a PDF/A file; max 5 MB);
- 4) An official English language certification (minimum B1) recognised by the University and obtained no more than three years before the time of application (the list of recognized certifications is available at <https://www.unimi.it/en/study/language-proficiency/other-foreign-languages-tests-and-courses>) or a language proficiency statement obtained through the University Language Centre, obtained no more than four years before the time of application. If the level of the language needed for the application expressly appears on the Unimia career, it is possible to submit a screenshot of it in pdf-format.

#### 5. SELECTION PROCEDURE

A Rector-appointed board will select up to 5 students on the following criteria:

- a) Academic career and CV (up to 10 points);
- b) Language skills (up to 10 points);
- c) Candidate's motivation (up to 10 points).

The selection outcome will be posted to <https://www.unimi.it/en/international/study-abroad/international-opportunities> by February 14th, 2024.

#### 6. SCHOLARSHIPS

Selected students will be granted an individual BIP mobility grant of €70 per day. Students with fewer opportunities may receive an additional contribution of € 100/day (for a 5-14-day period of physical mobility). All admitted students who will complete the physical and virtual mobility programme will be eligible to these grants.

#### 7. PERSONAL DATA PROCESSING

Pursuant to EU Regulation 2016/679 ("General Data Protection Regulation - GDPR") and Legislative Decree no. 196/2003, as amended and supplemented, the University undertakes to keep the information provided by the applicant confidential. All data will be processed only for the purposes of participation in the programme. Information on the enforcement of the GDPR is available on the University website at <http://www.unimi.it/ateneo/73613.htm> - pathway: [www.unimi.it](http://www.unimi.it) > University > Privacy.



UNIVERSITÀ DEGLI STUDI DI MILANO

Milano, 30/01/2024

IL RETTORE  
(Elio Franzini)  
f.to Elio Franzini

prot. 0003508/24  
P. Ass. 4567994  
Data 30/01/2024  
Rep. 891/2024